

DISTRIBUTION MAPS OF GROUND FISH TRAWL CATCHES IN THE KODIAK AREA
(January 1987 - March 1988)

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TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION.....	1
ANNUAL TRAWL TOTALS FOR KODIAK AREA	
1. All groundfish species combined.....	5
2. Pollock.....	6
3. Pacific cod.....	7
4. Flatfish.....	8
MONTHLY TRAWL TOTALS FOR KODIAK AREA	
1. All groundfish species combined.....	9
2. Pollock.....	24
3. Pacific cod.....	39
4. Flatfish.....	54

INTRODUCTION

This report compiles monthly and annual trawl catches of groundfish in the Kodiak area. The data presented pertain to the DAP (Domestic Annual Production) fishery, including both shore-based vessels and catcher-processors.

Trawl catches of groundfish in the Kodiak area account for a large proportion of all groundfish caught in the Central Gulf of Alaska management zone. For the 1987 DAP fishery in the Central Gulf, Kodiak trawl catches (58,500 mt) equalled:

96% of the total DAP trawl catch (61,100 mt),

75% of the total DAP catch by all gear types (77,600 mt),

69% of the total DAP, JV and foreign catch, all
gear types (84,500 mt)

Trawl catches in the Barnabas area (statistical areas 525702 and 525630) are particularly noteworthy. Catches there (22,600 mt) equalled 37% of the total DAP trawl catch in the Central Gulf.

Most of this harvest occurred during spring and fall months (Fig 1). In the Kodiak area, trawl catches of pollock and Pacific cod were also greatest in spring and fall, but flatfish catches were more evenly distributed through the year (Fig. 2).

The series of maps in this report illustrate trawl catches of groundfish per ADFG statistical area (1° longitude x 0.5° latitude) for the period January 1987 to March 1988. This

information was summarized from ADFG's fish ticket database for all statistical areas between longitudes 150° W and 156° W (Fig. 3), including all State and Federal waters from 0 to 200 miles offshore. The database does not distinguish between midwater and bottom trawl gear because these are combined in a single CFEC permit.

When viewing these maps, note that:

1. The sequence of maps is listed in the Table of Contents,
2. Three different map scales have been used in the report,
3. Cod = Pacific cod,
4. MT = metric ton
5. Multiple circles within a single statistical square occur when catches are also high in nearshore statistical areas in State waters (0-3 mi) which are not indicated on the map.

Acknowledgments

Thanks to Alan Johnson for help with graphics.

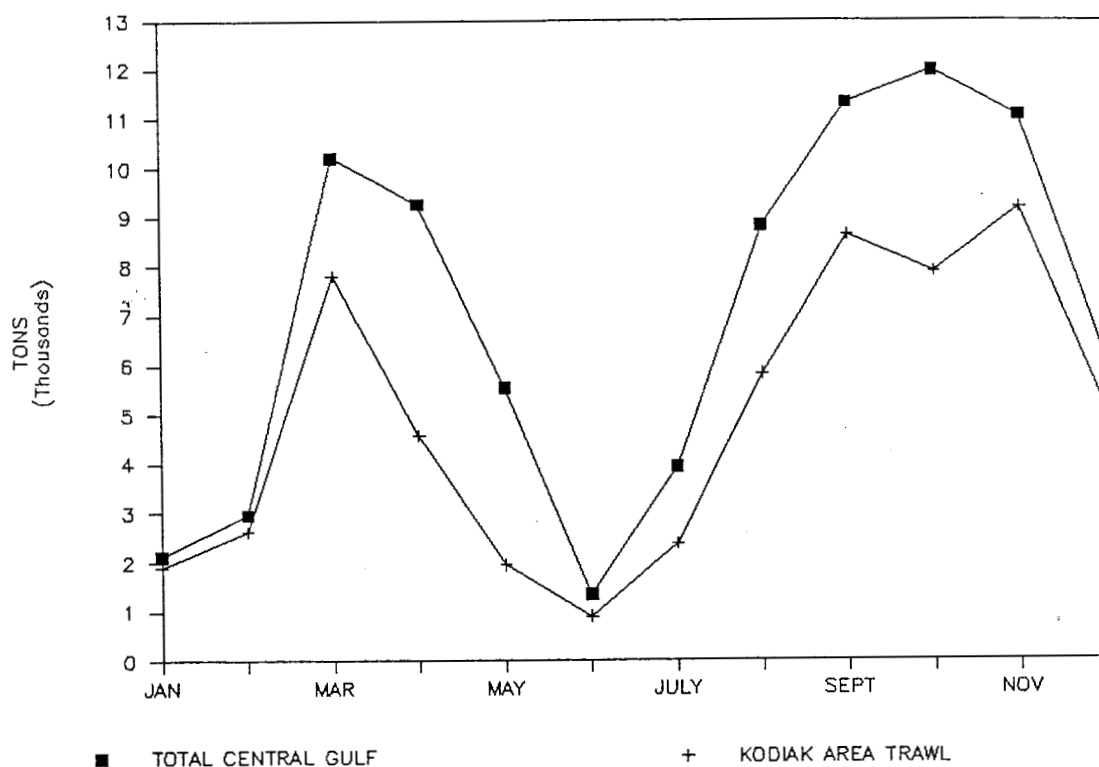


Figure 1. Comparison between DAP trawl catches of groundfish in the Kodiak area and total catches of groundfish (all gears, DAP, JV) in the Central Gulf management area. In 1987, Kodiak trawl catches accounted for 69% of the total groundfish catch in the Central Gulf.

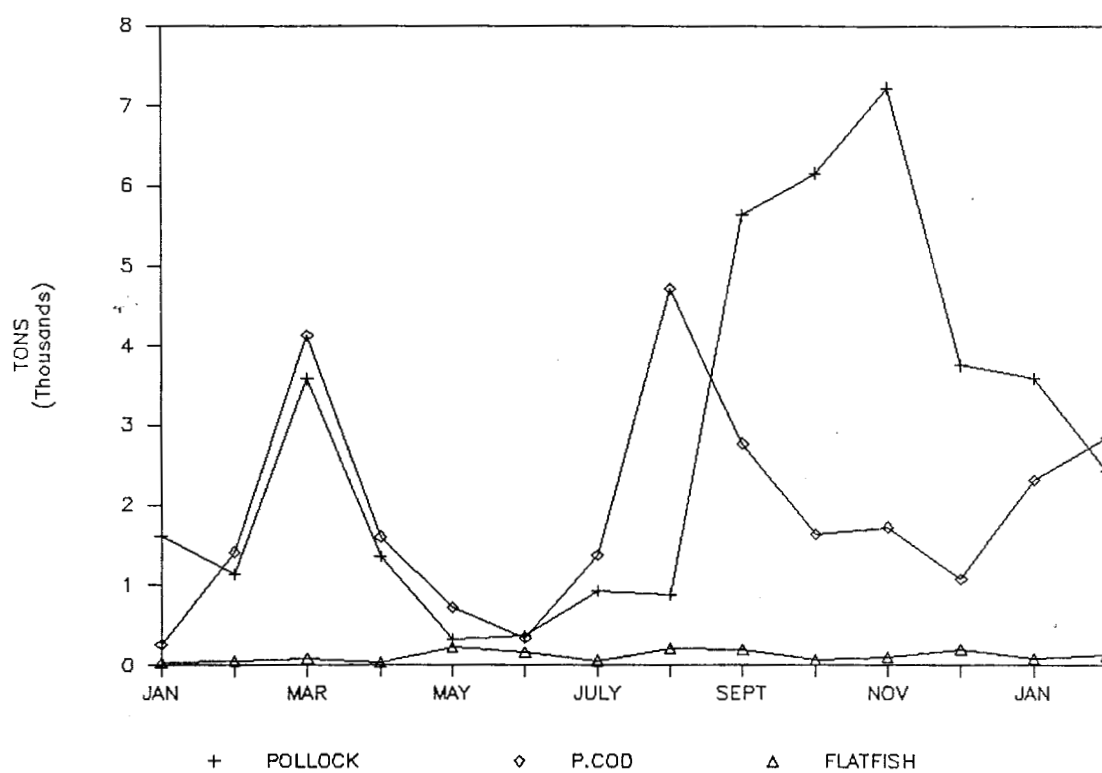
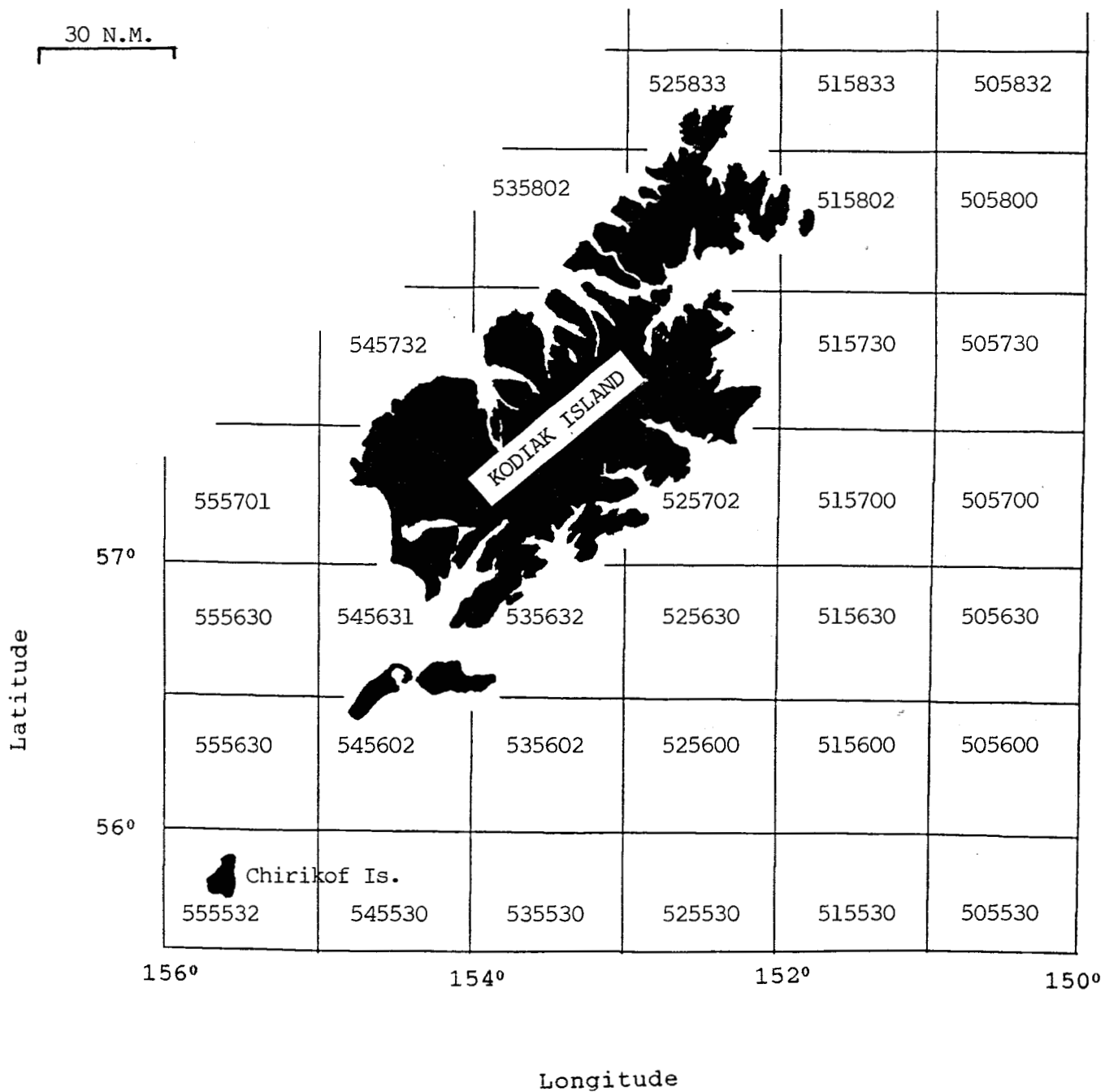
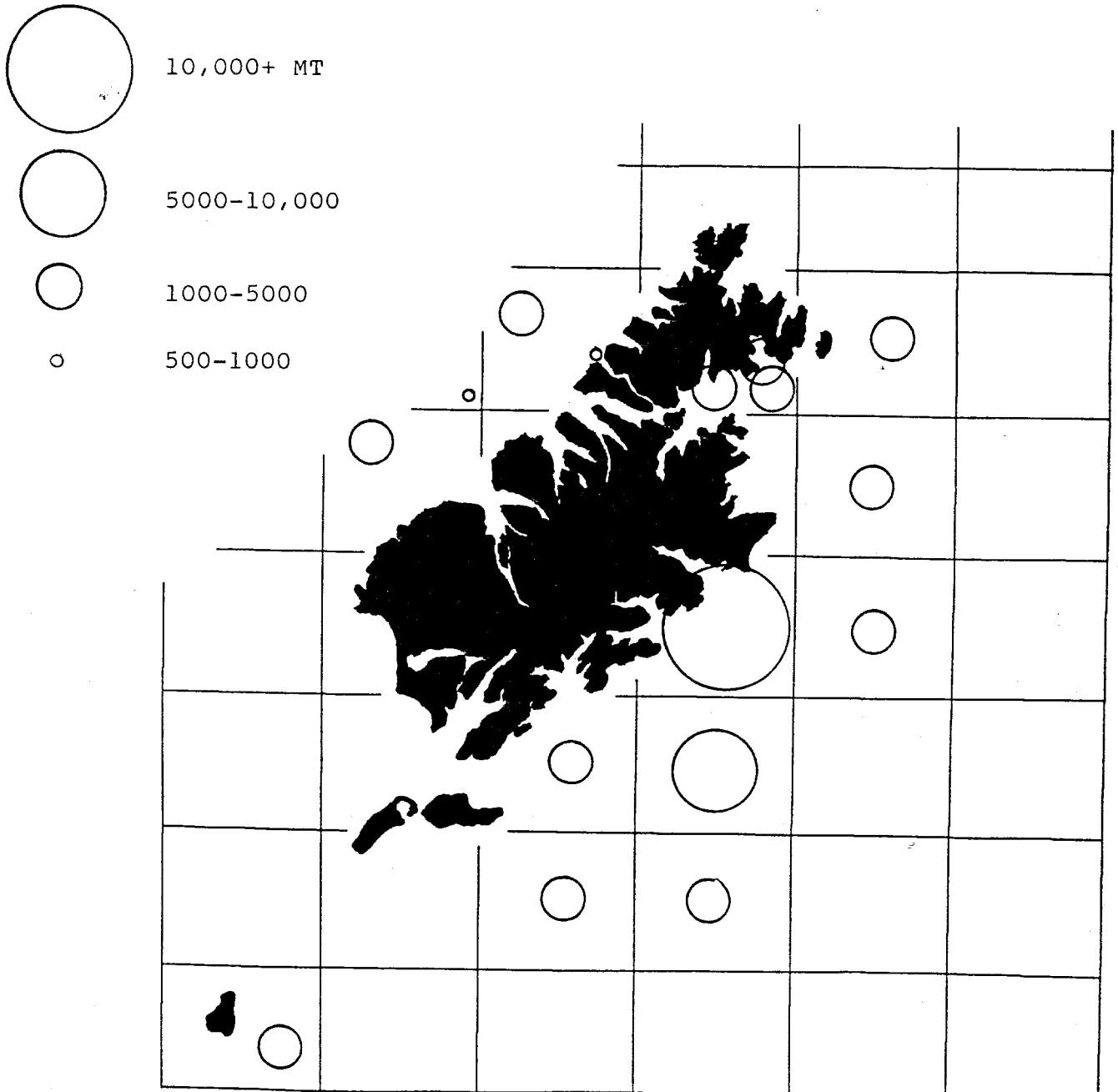


Figure 2. Monthly trawl catches of DAP groundfish in the Kodiak area, January 1987 through February 1988.

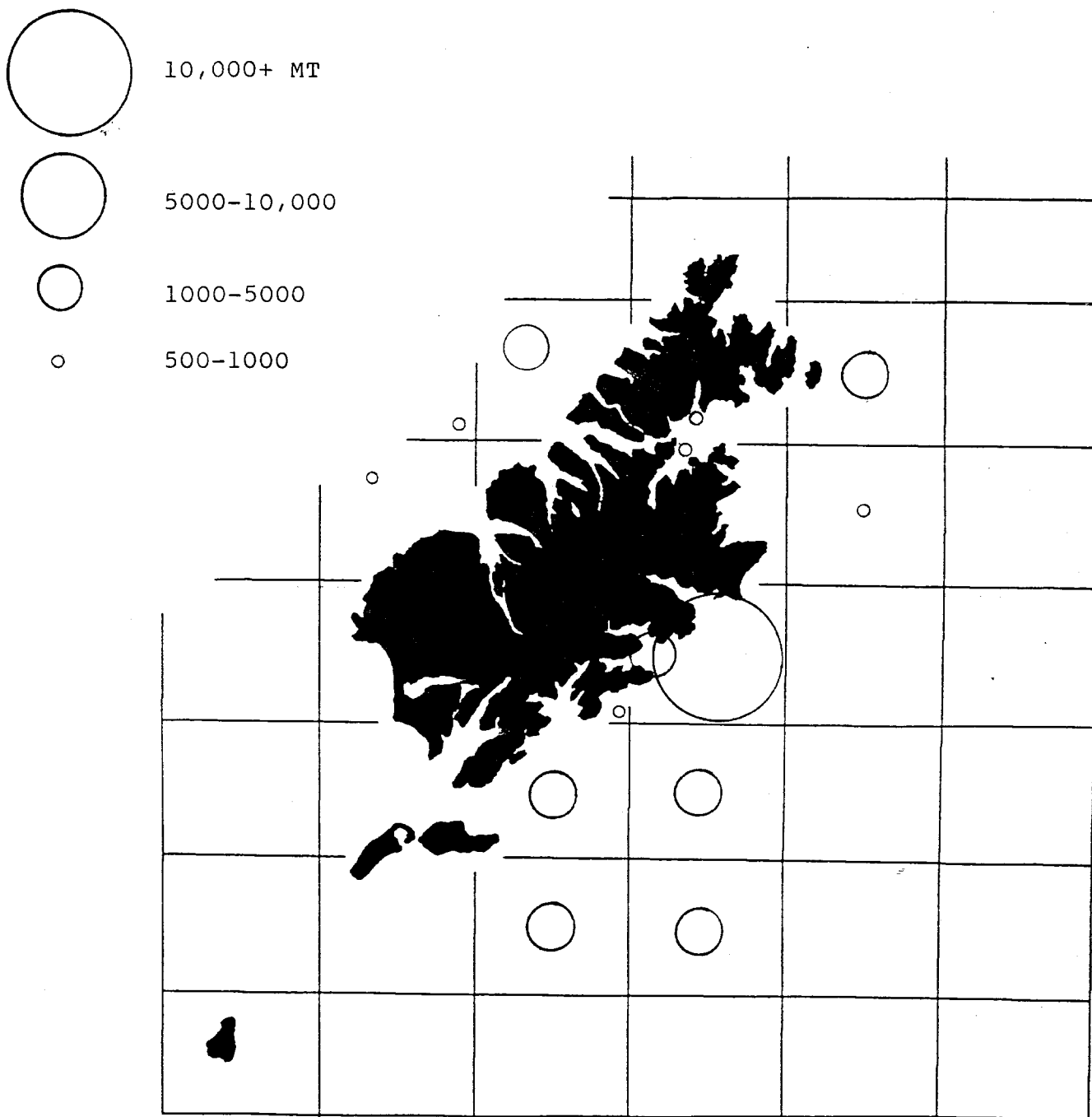
Figure 3. ADF&G statistical areas in the Kodiak region. Principal statistical areas are indicated by number; smaller statistical areas in nearshore State waters (0-3 mi) are not shown.



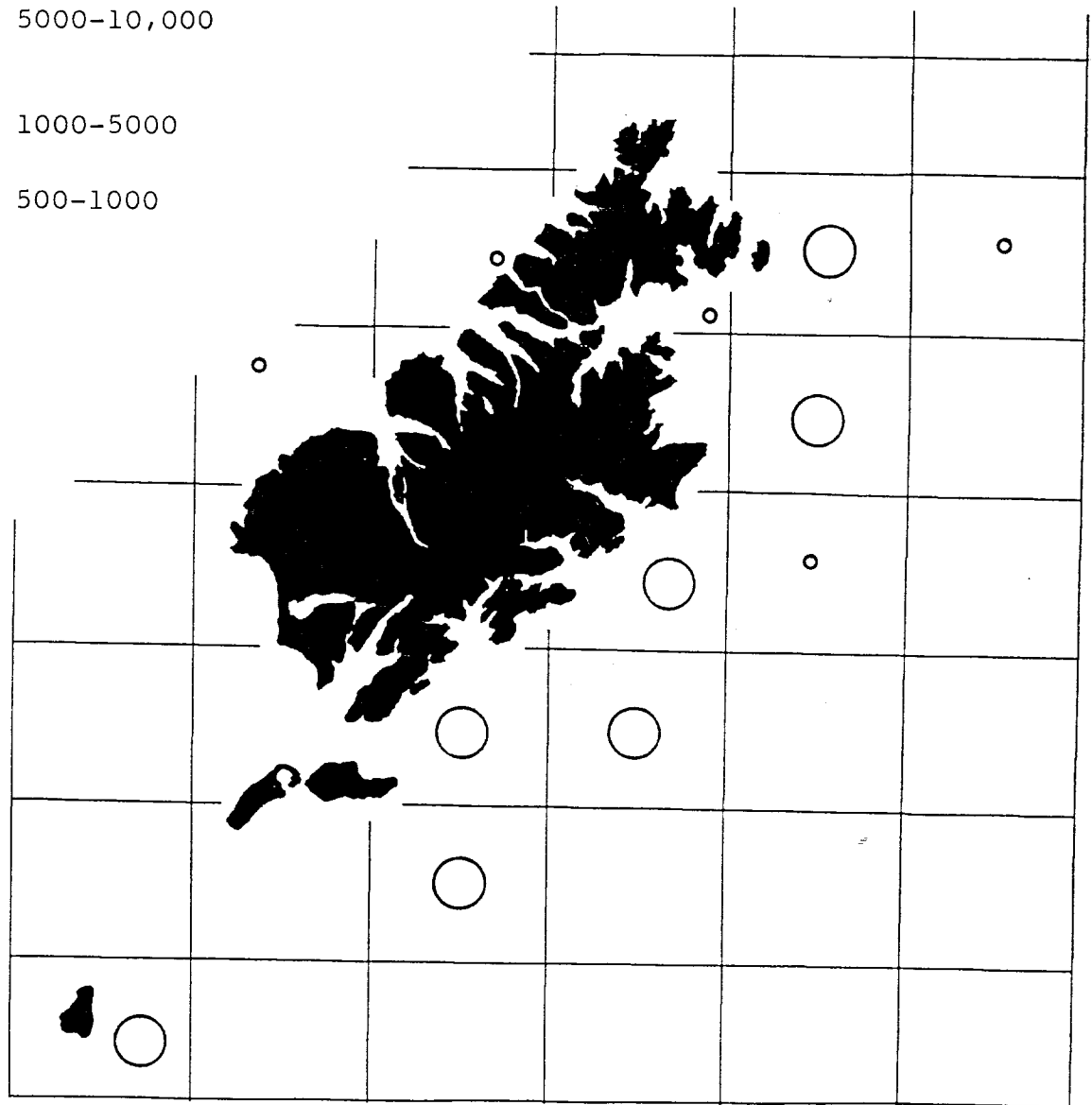
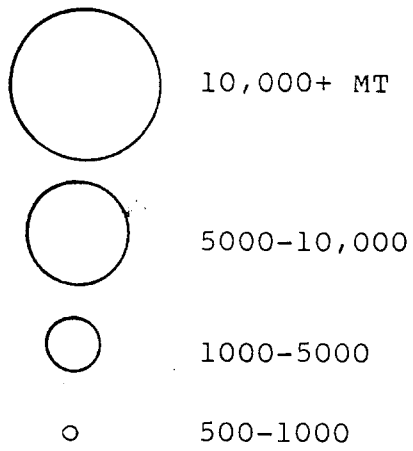
TOTAL GROUND FISH, 1987



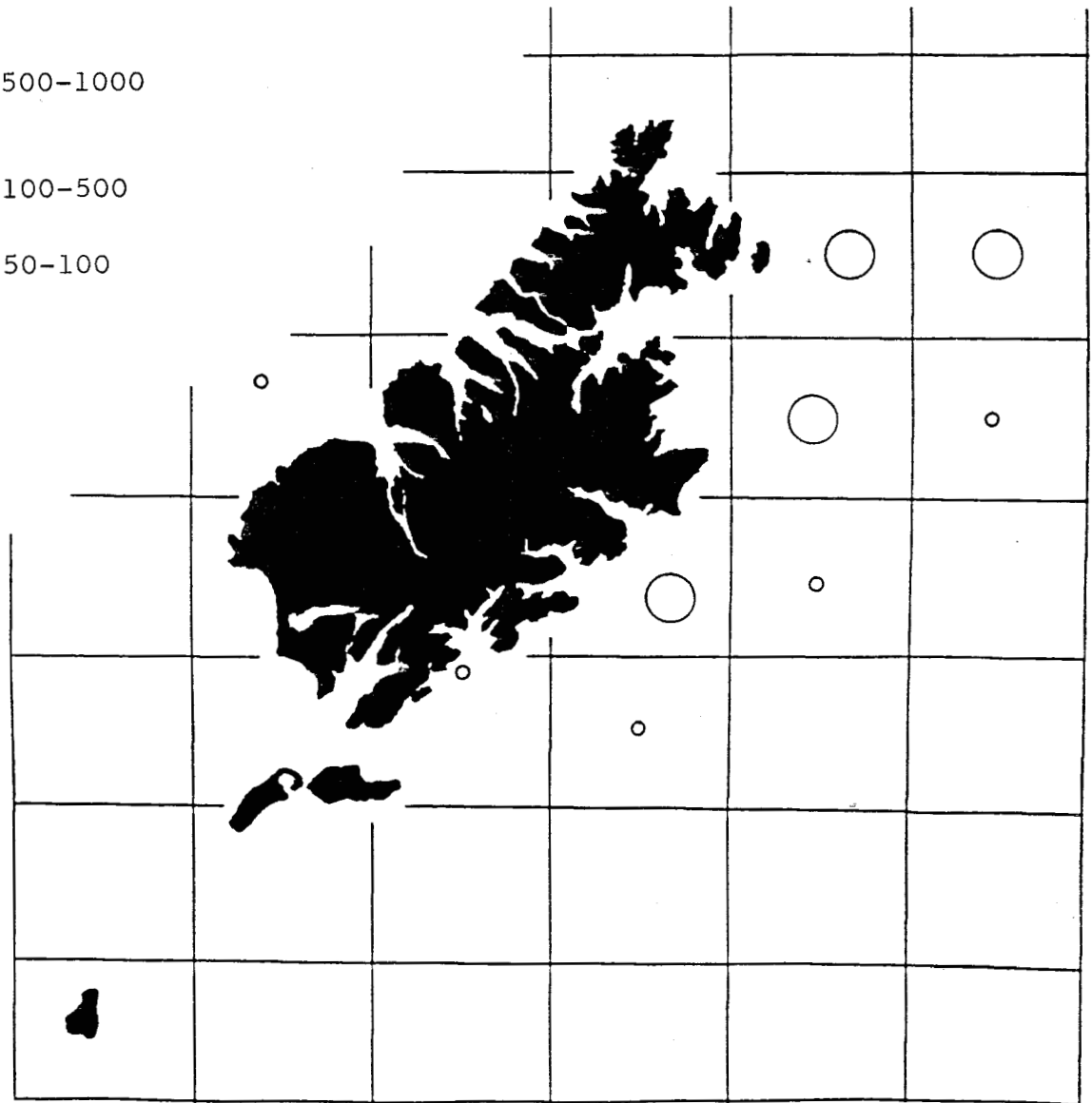
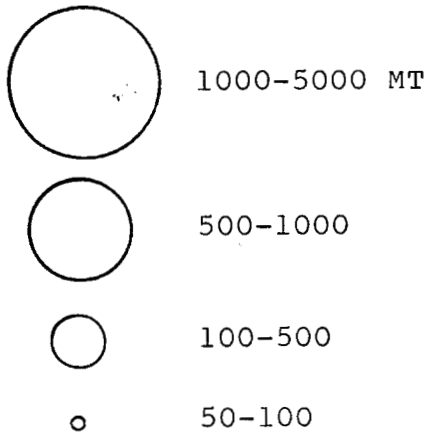
TOTAL POLLOCK, 1987



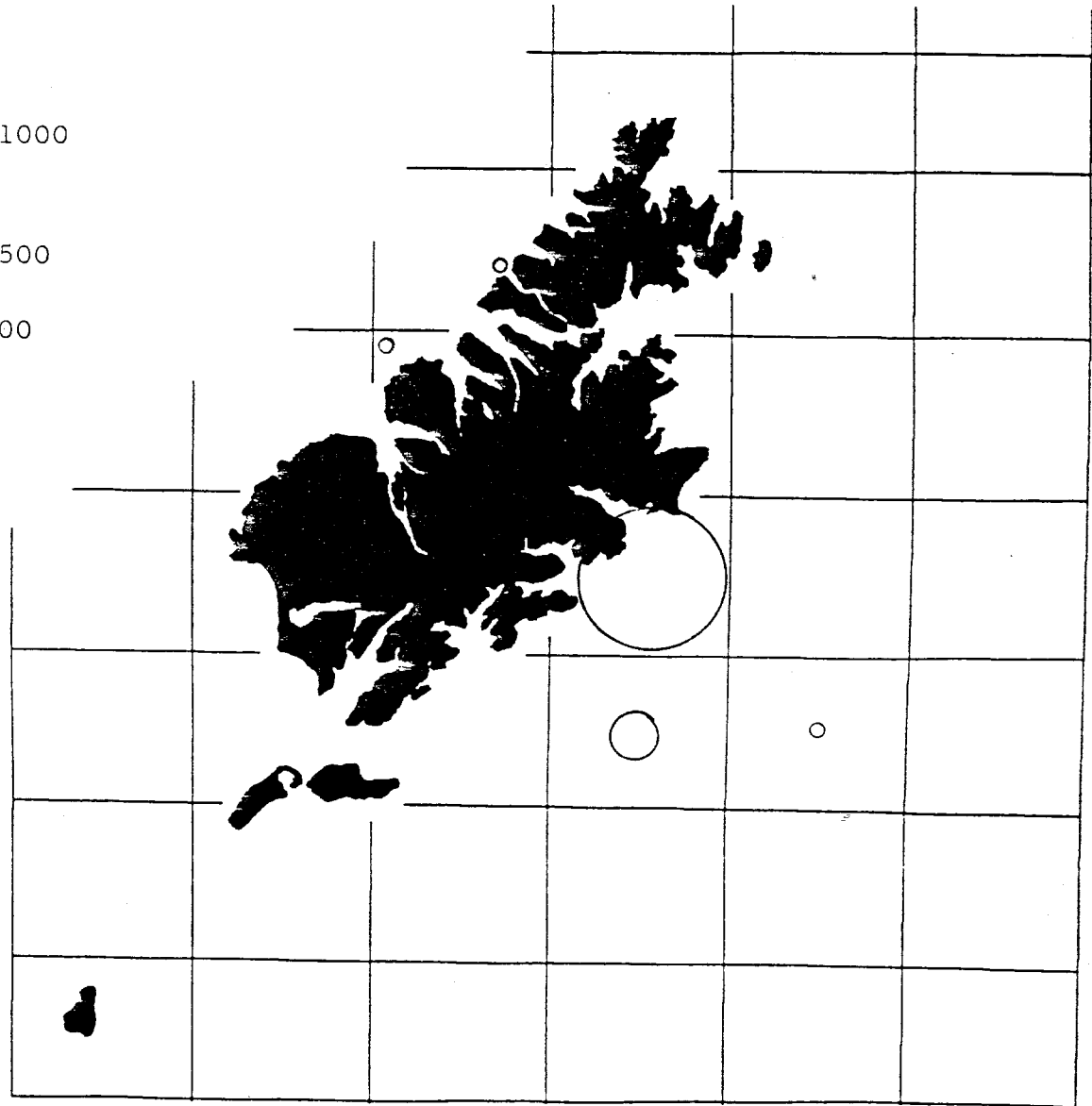
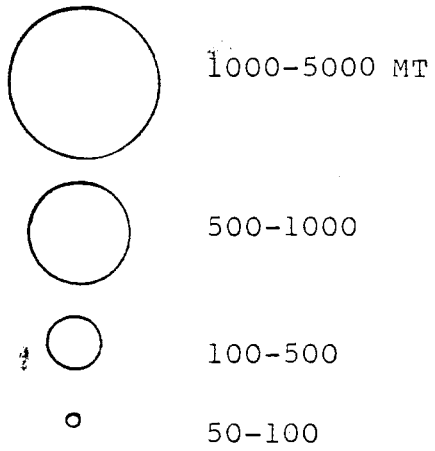
TOTAL COD, 1987



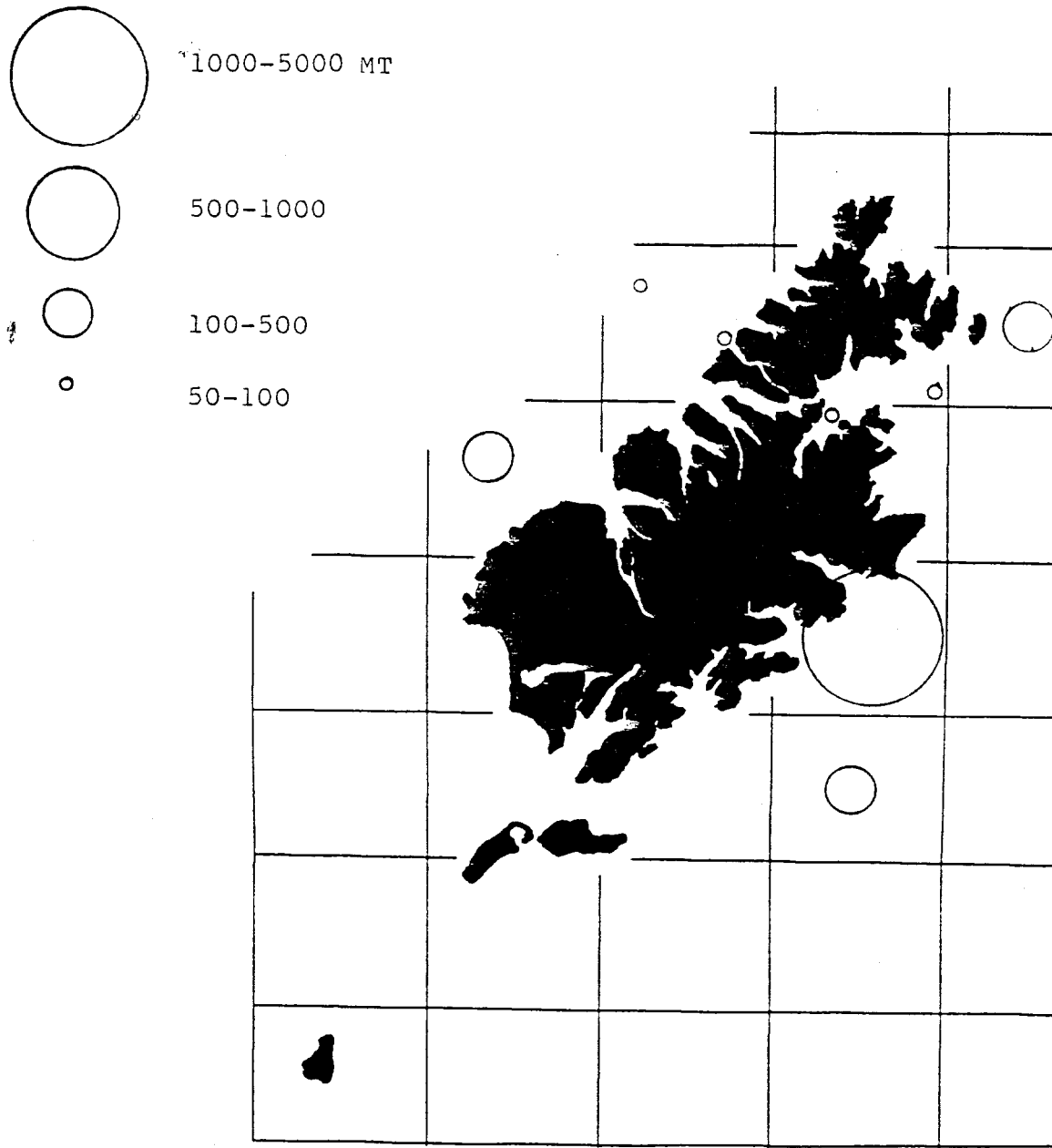
TOTAL FLATFISH, 1987
(note different scale)



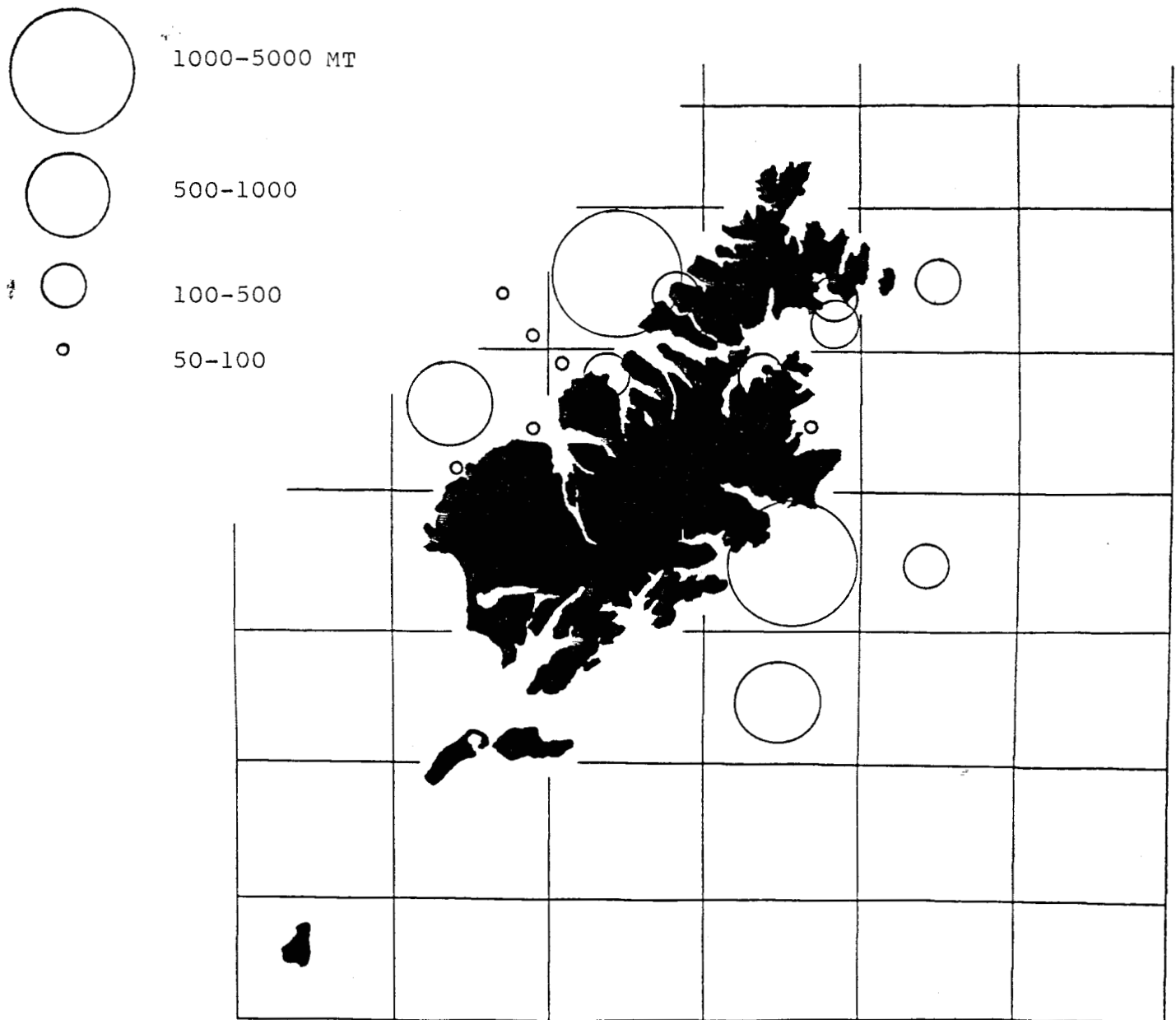
TOTAL GROUND FISH, JANUARY 1987



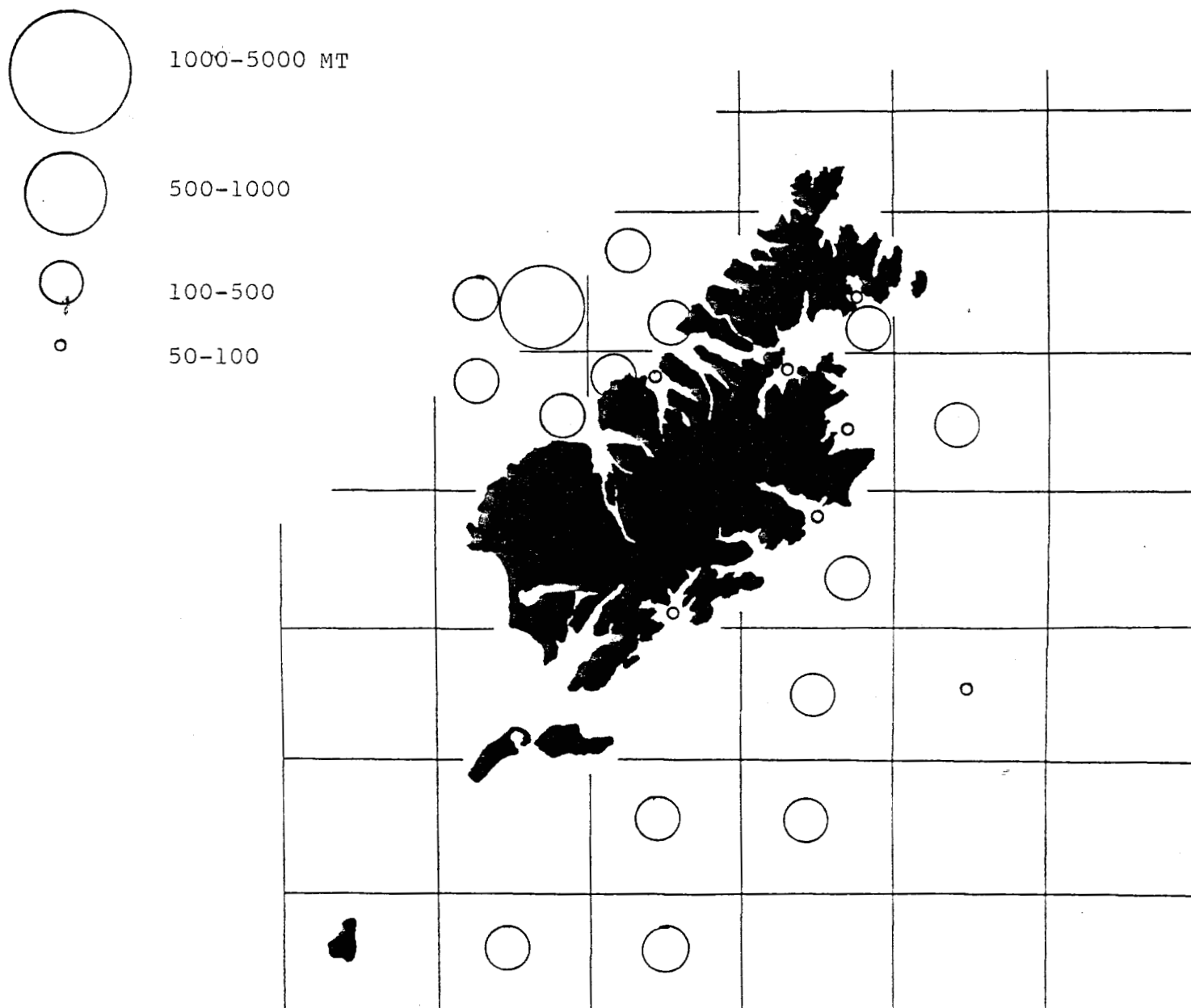
TOTAL GROUND FISH, FEBRUARY 1987



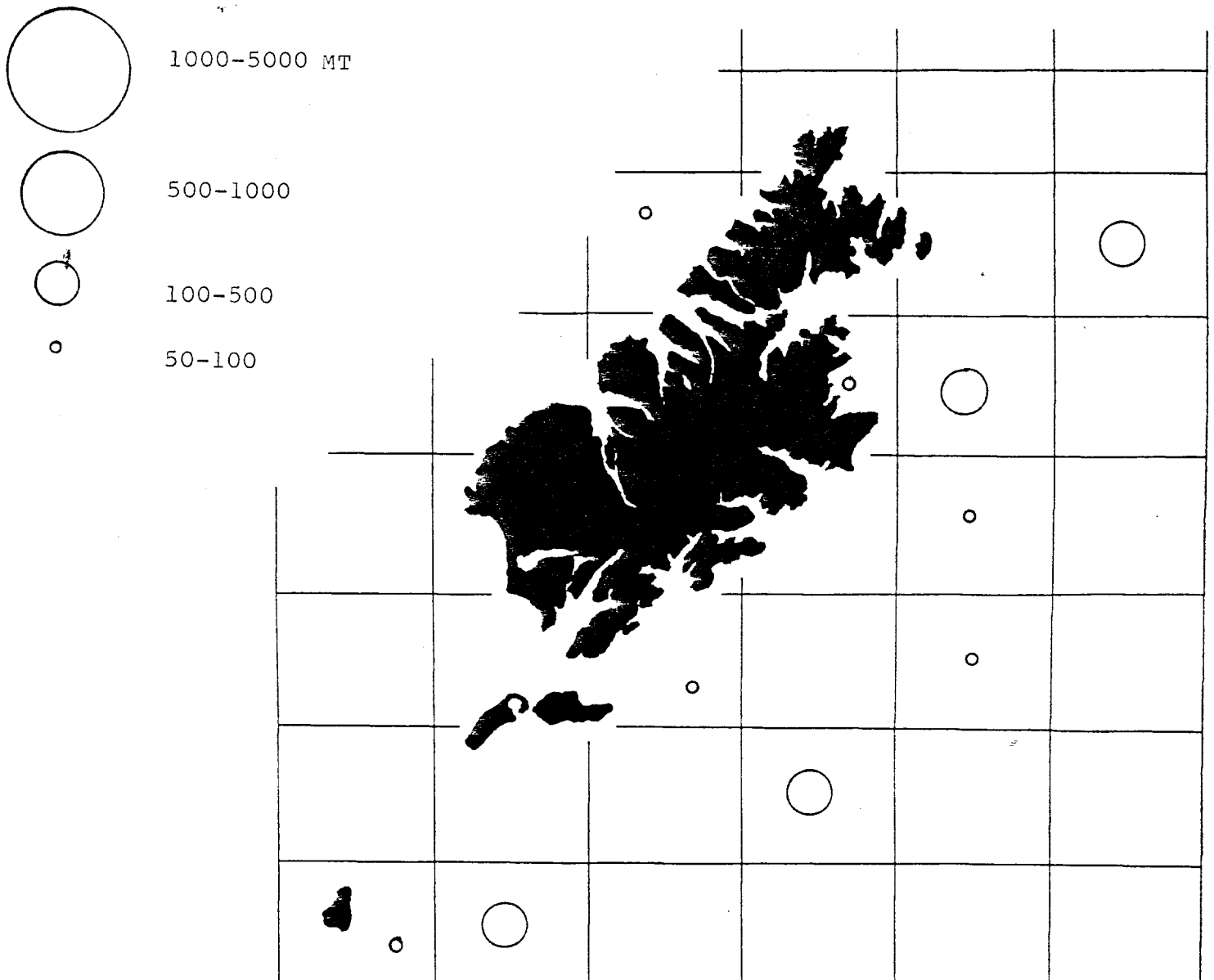
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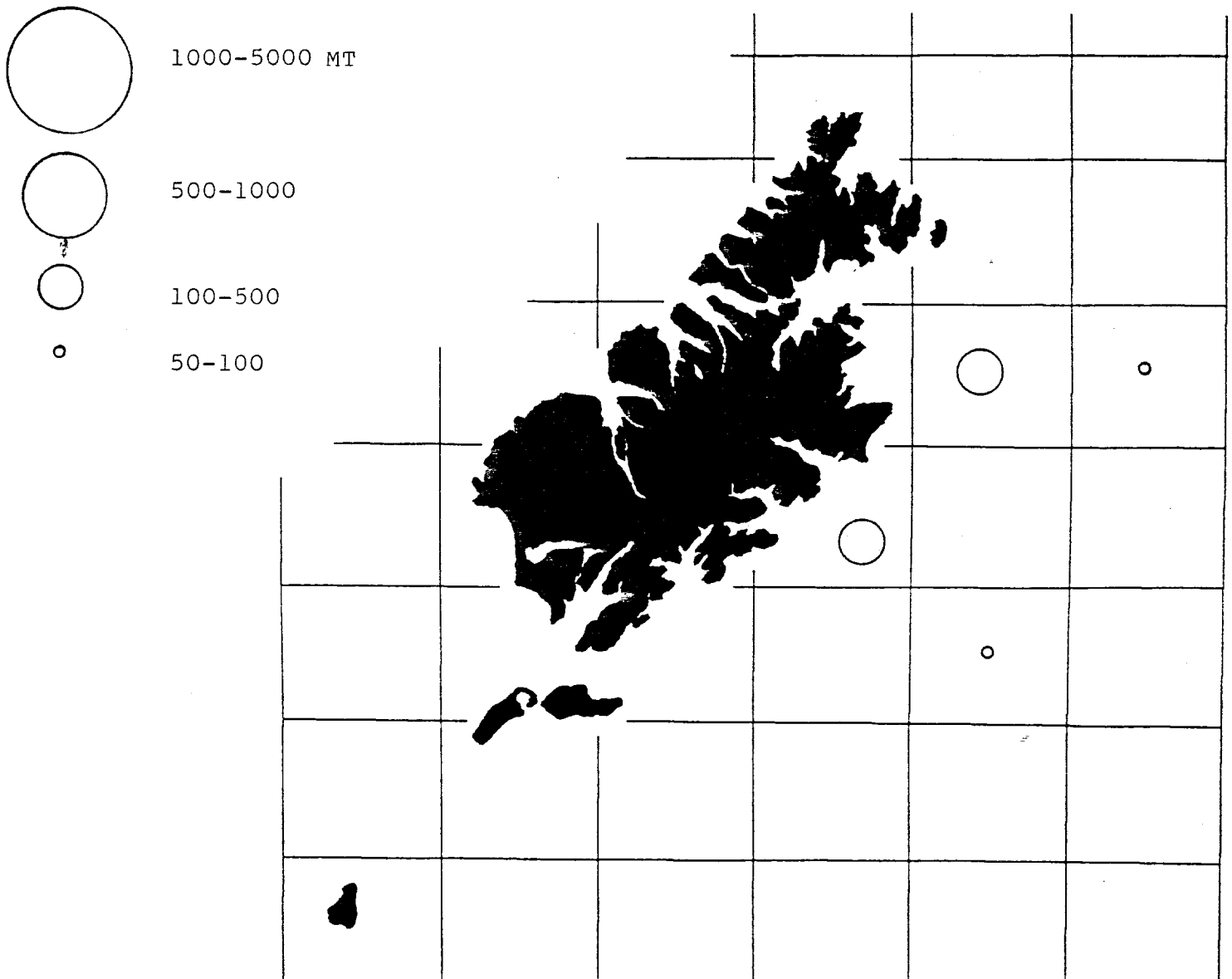
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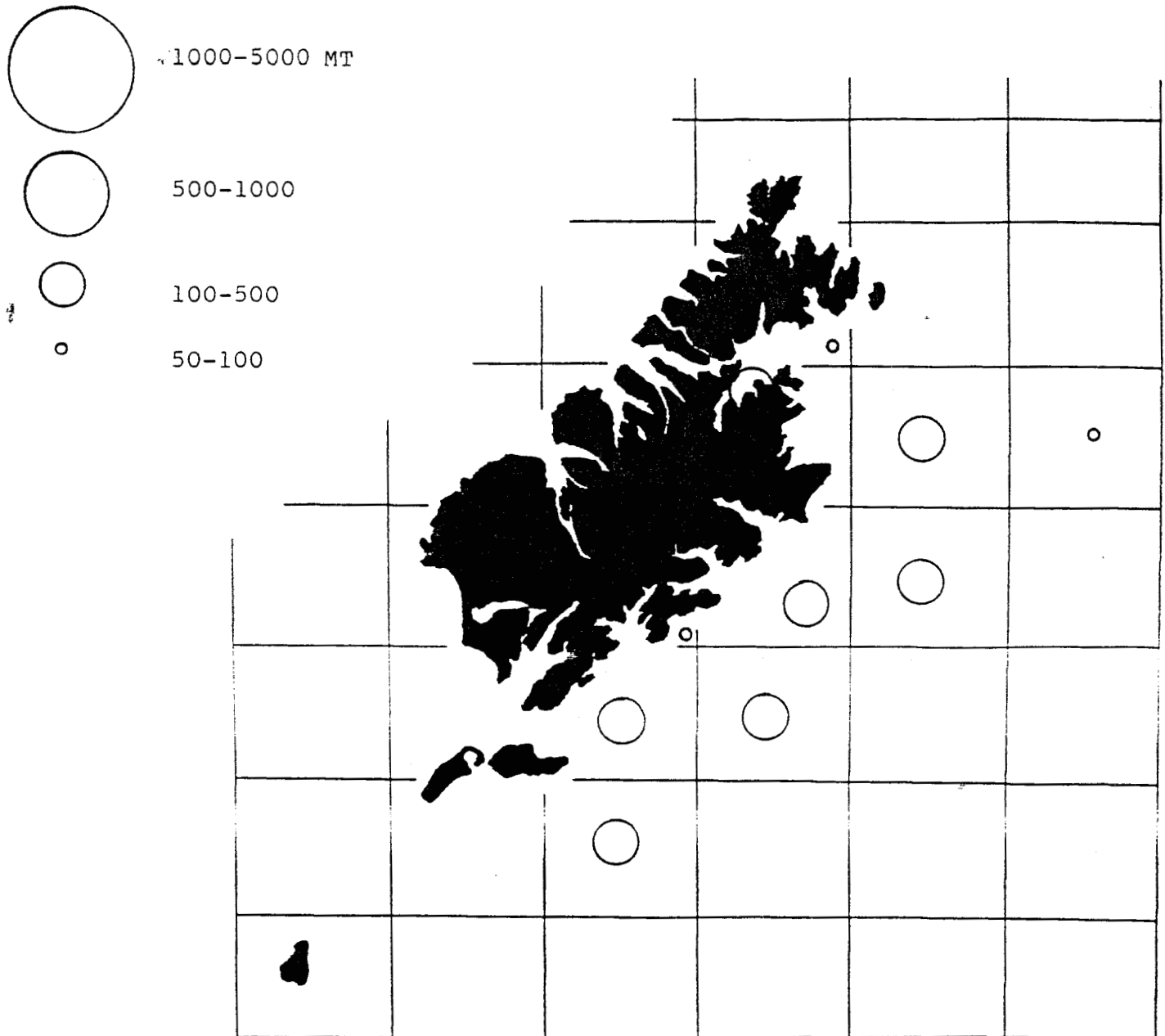
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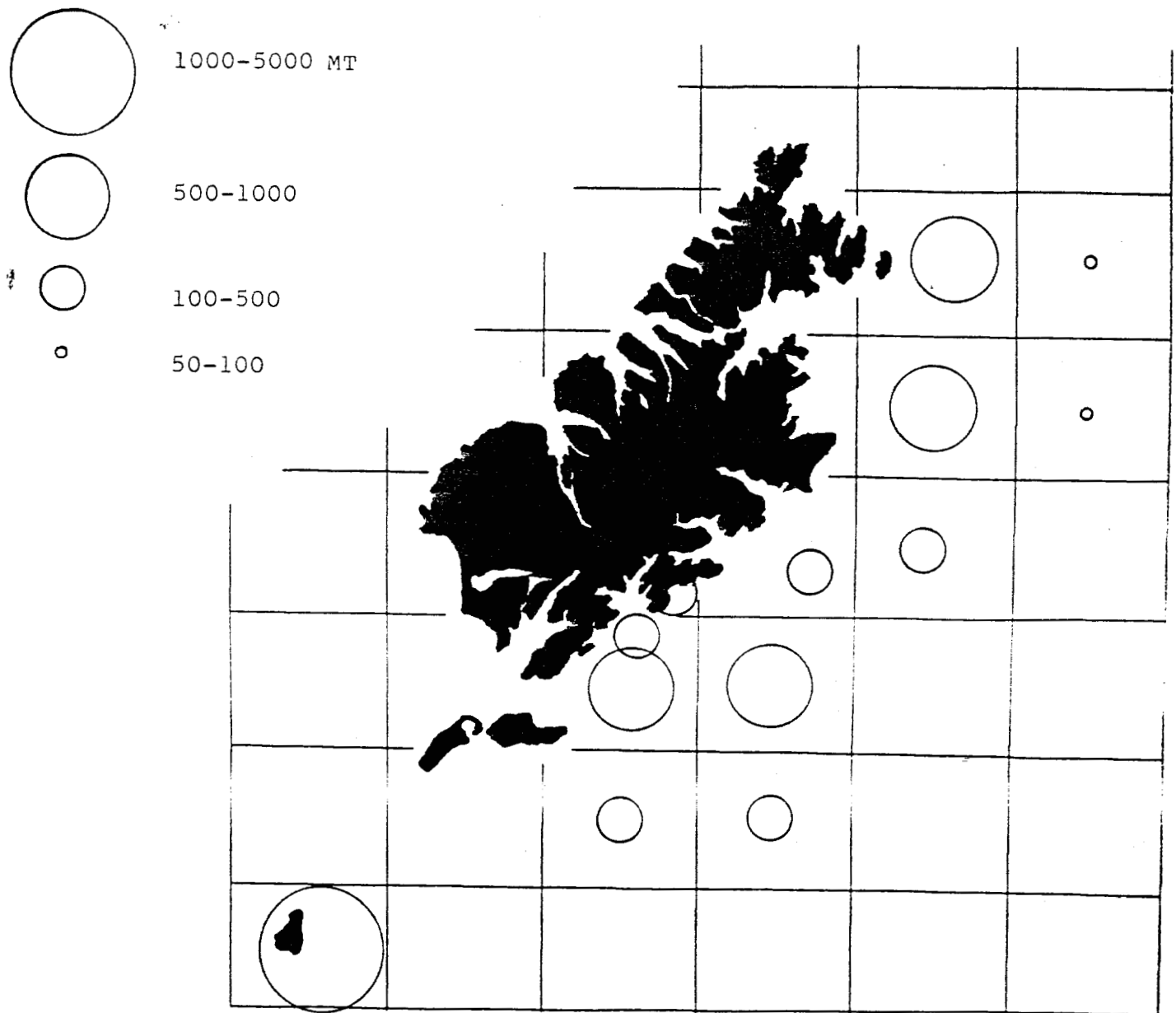
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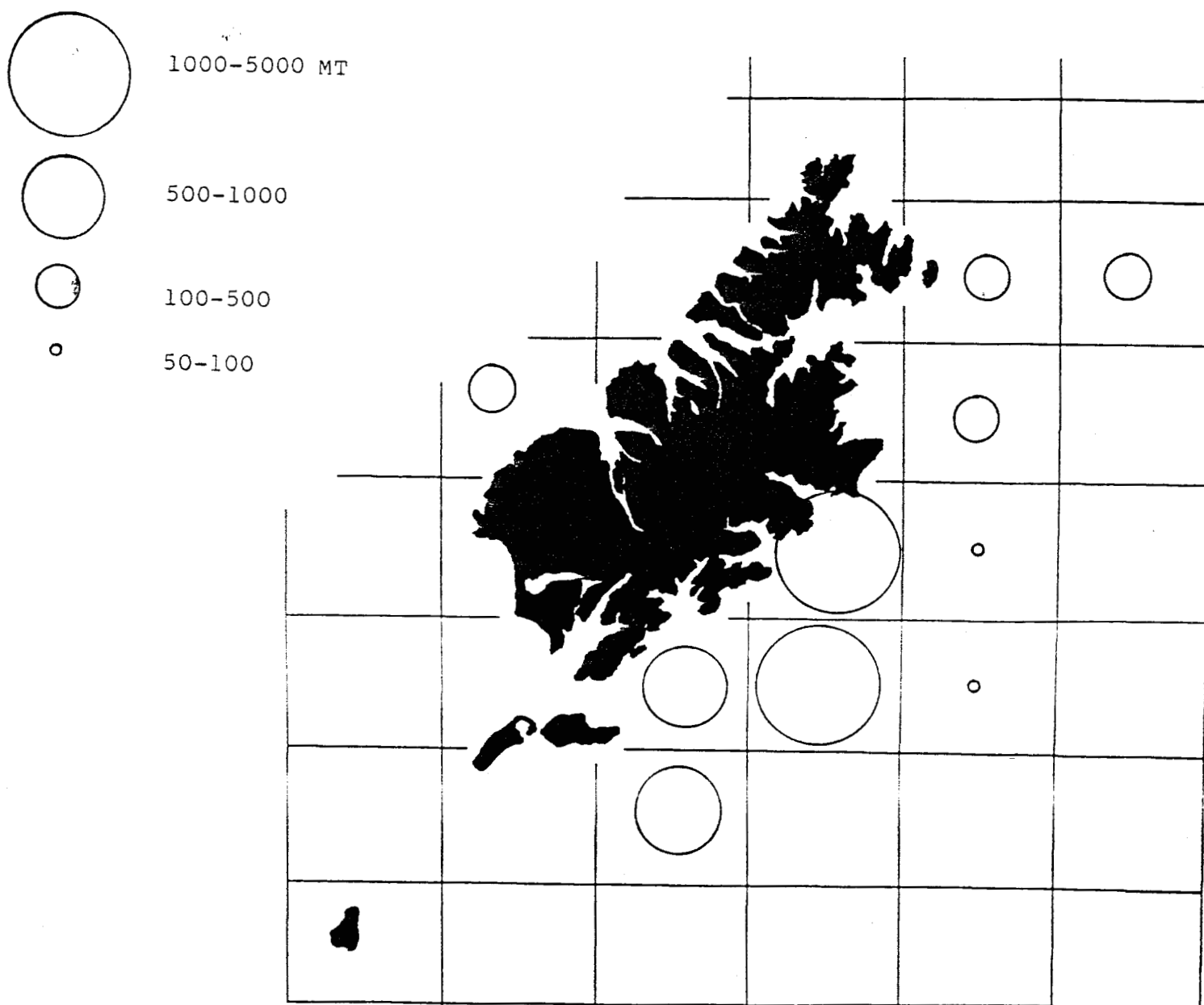
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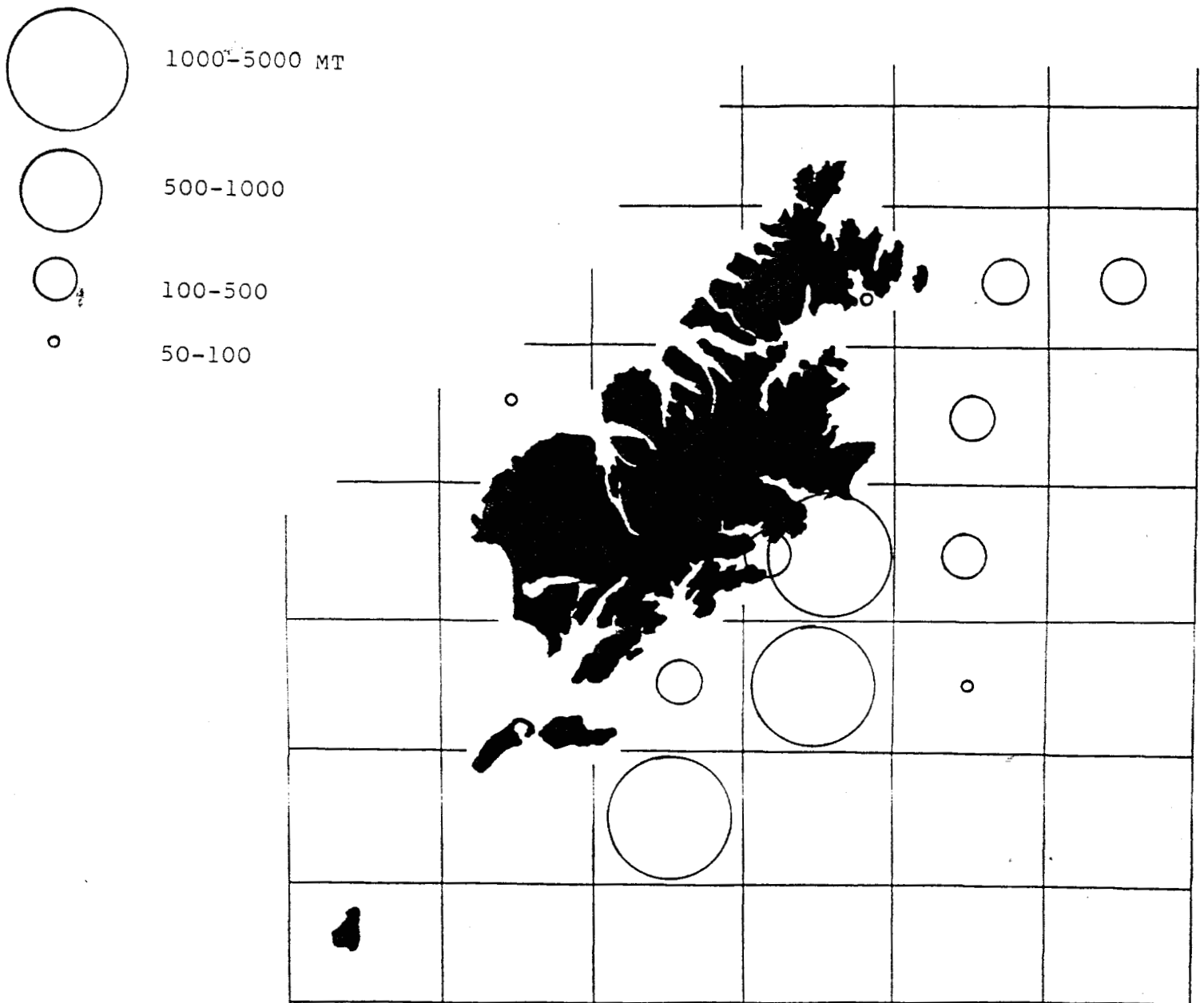
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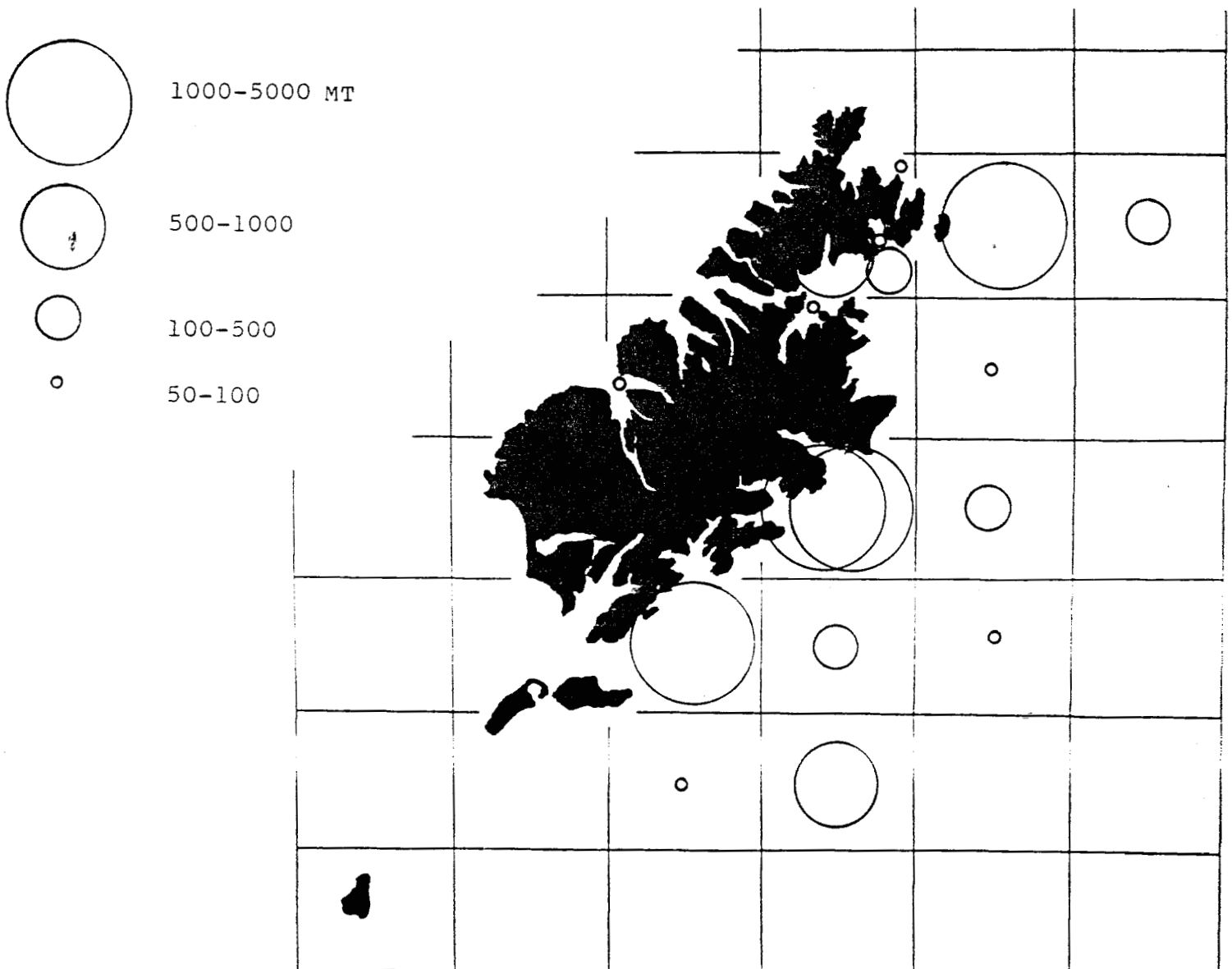
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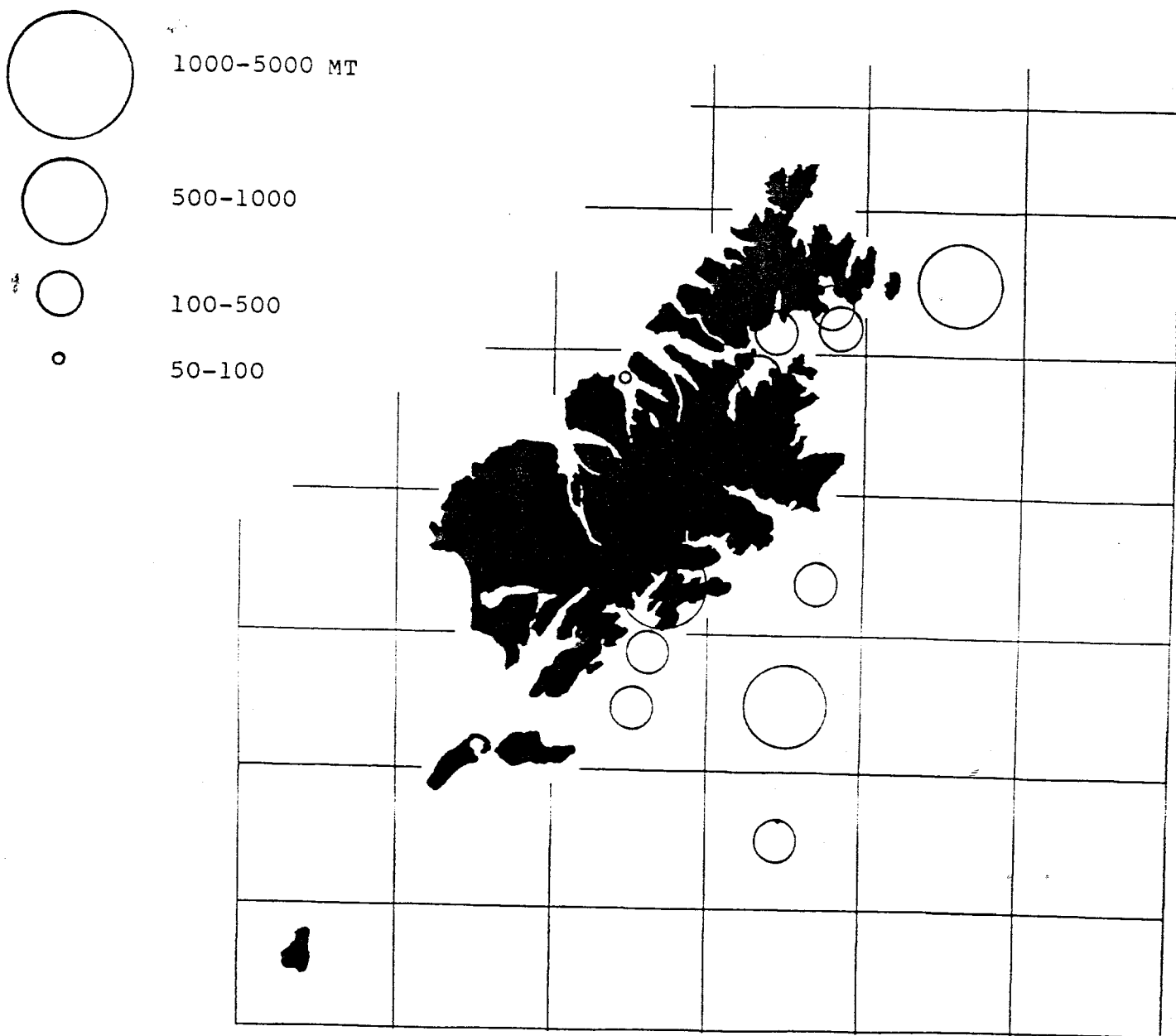
TOTAL GROUND FISH, OCTOBER 1987



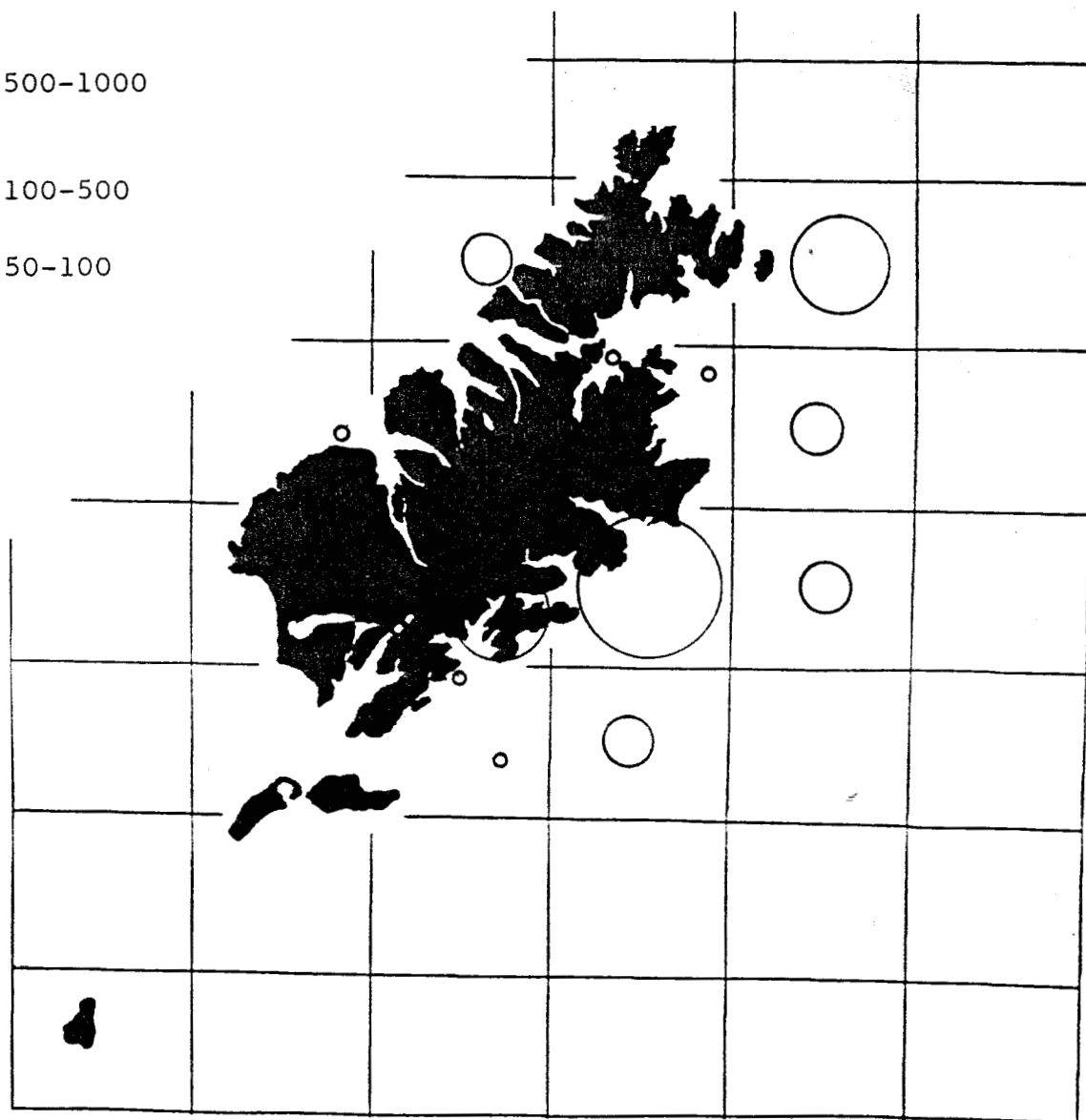
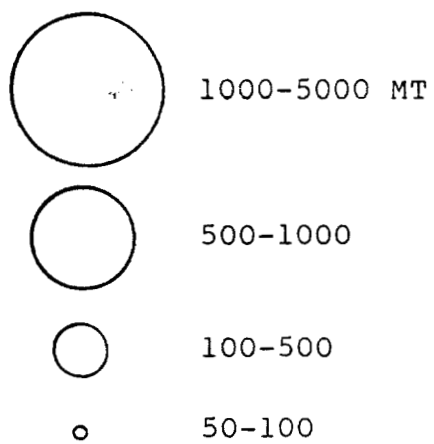
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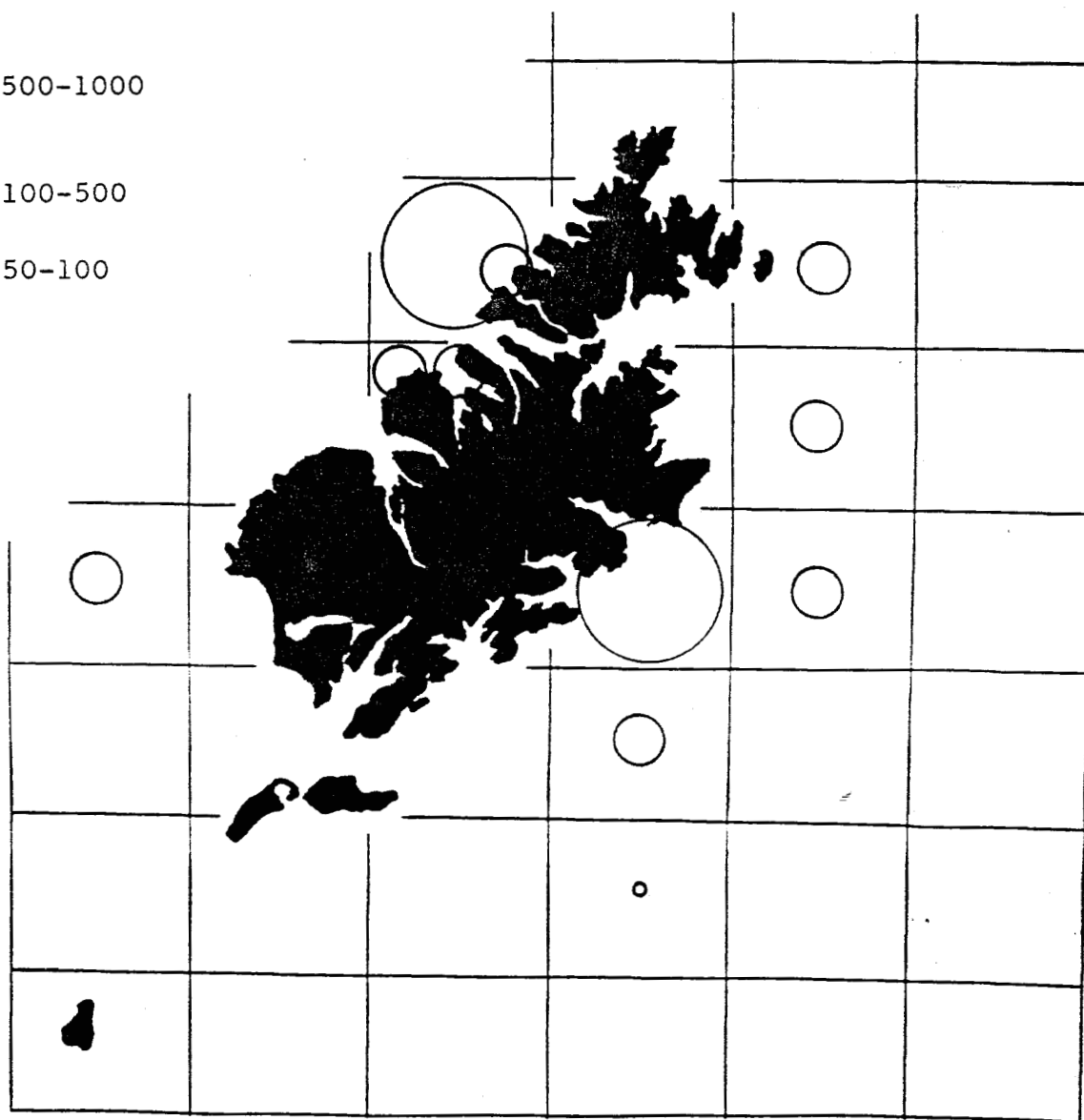
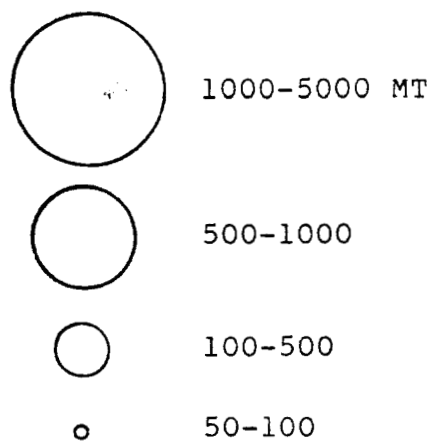
TOTAL GROUND FISH, DECEMBER 1987



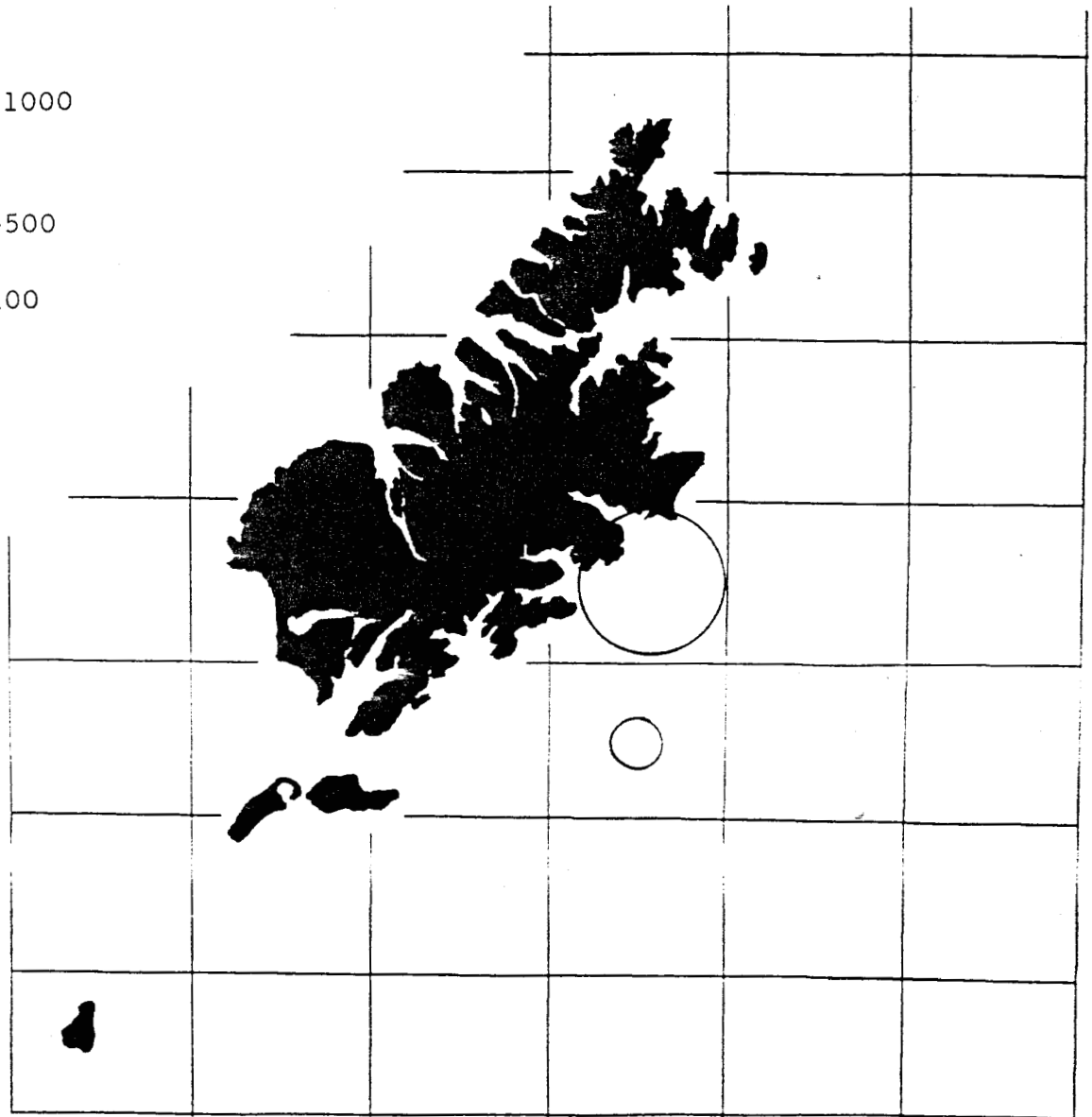
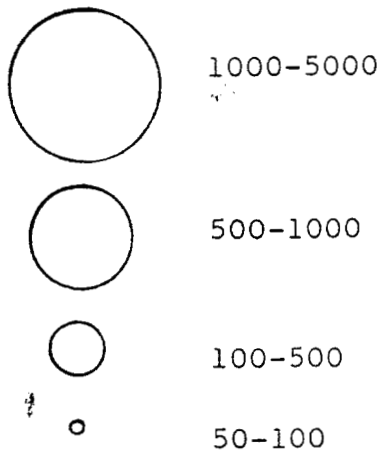
TOTAL GROUND FISH, JANUARY 1988



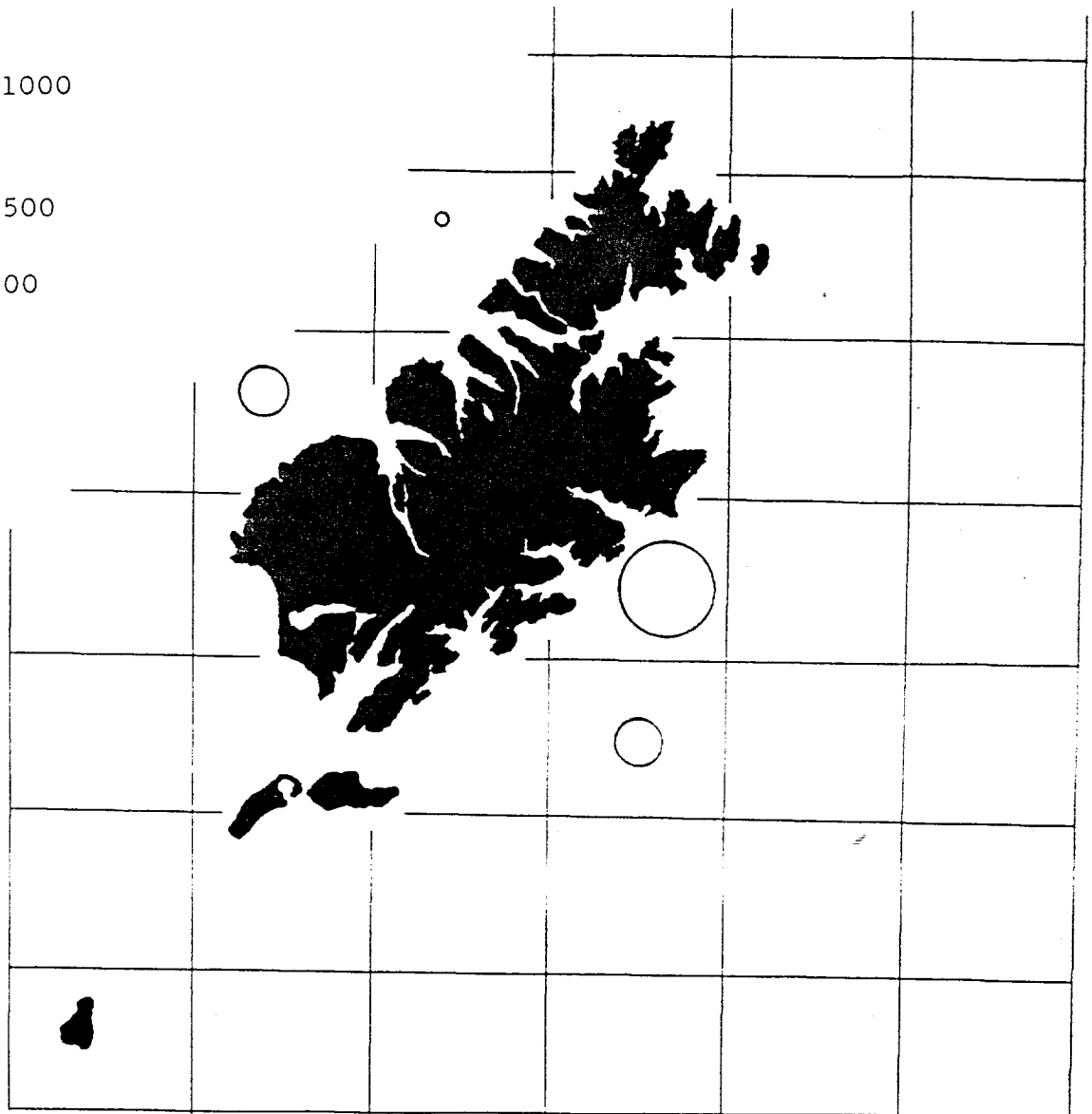
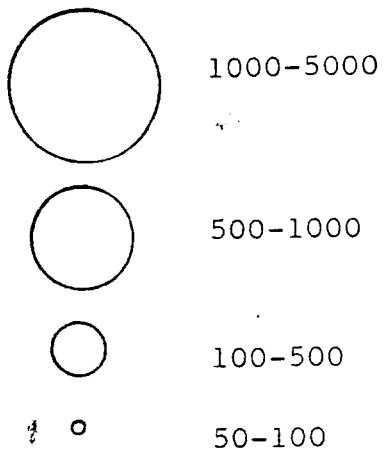
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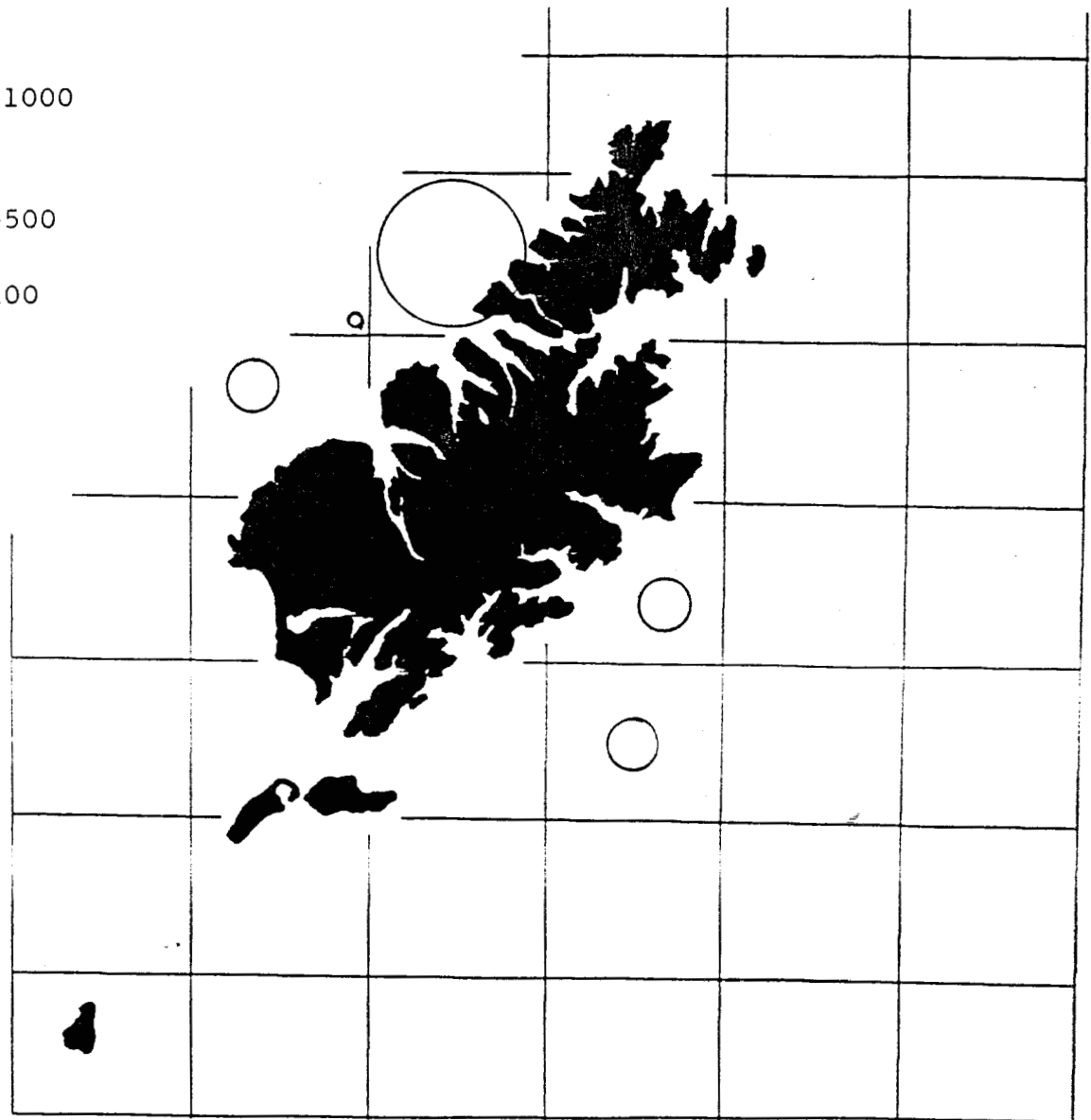
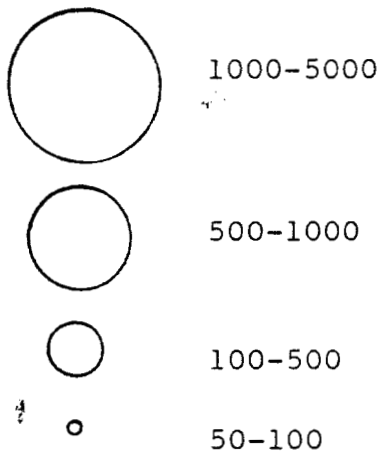
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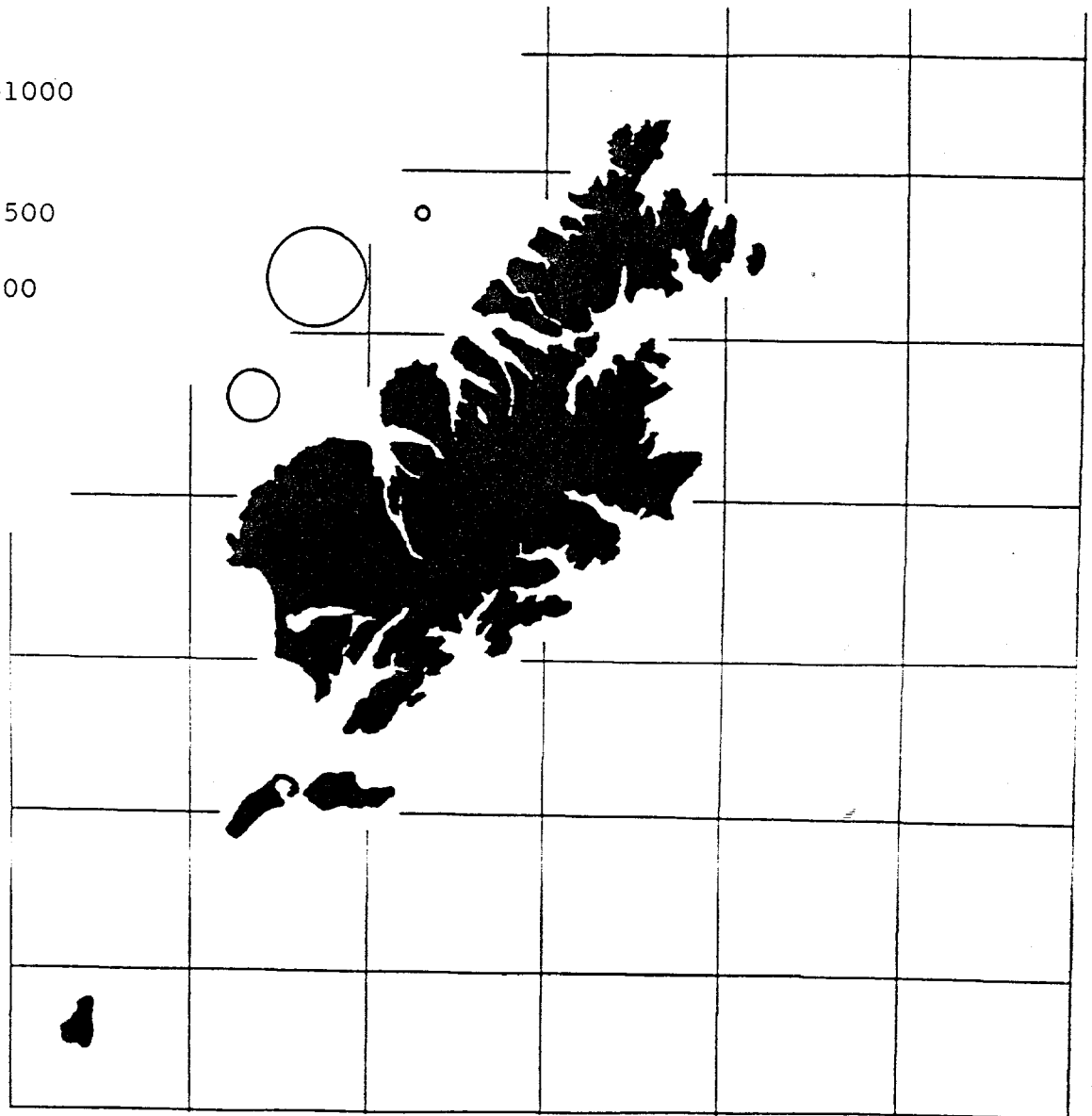
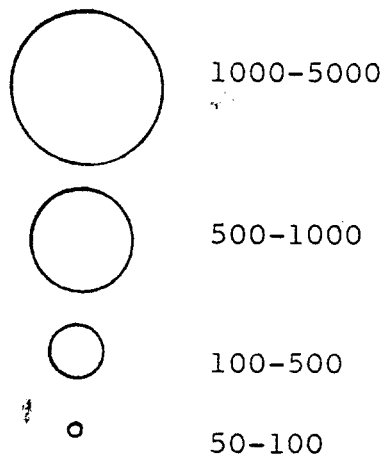
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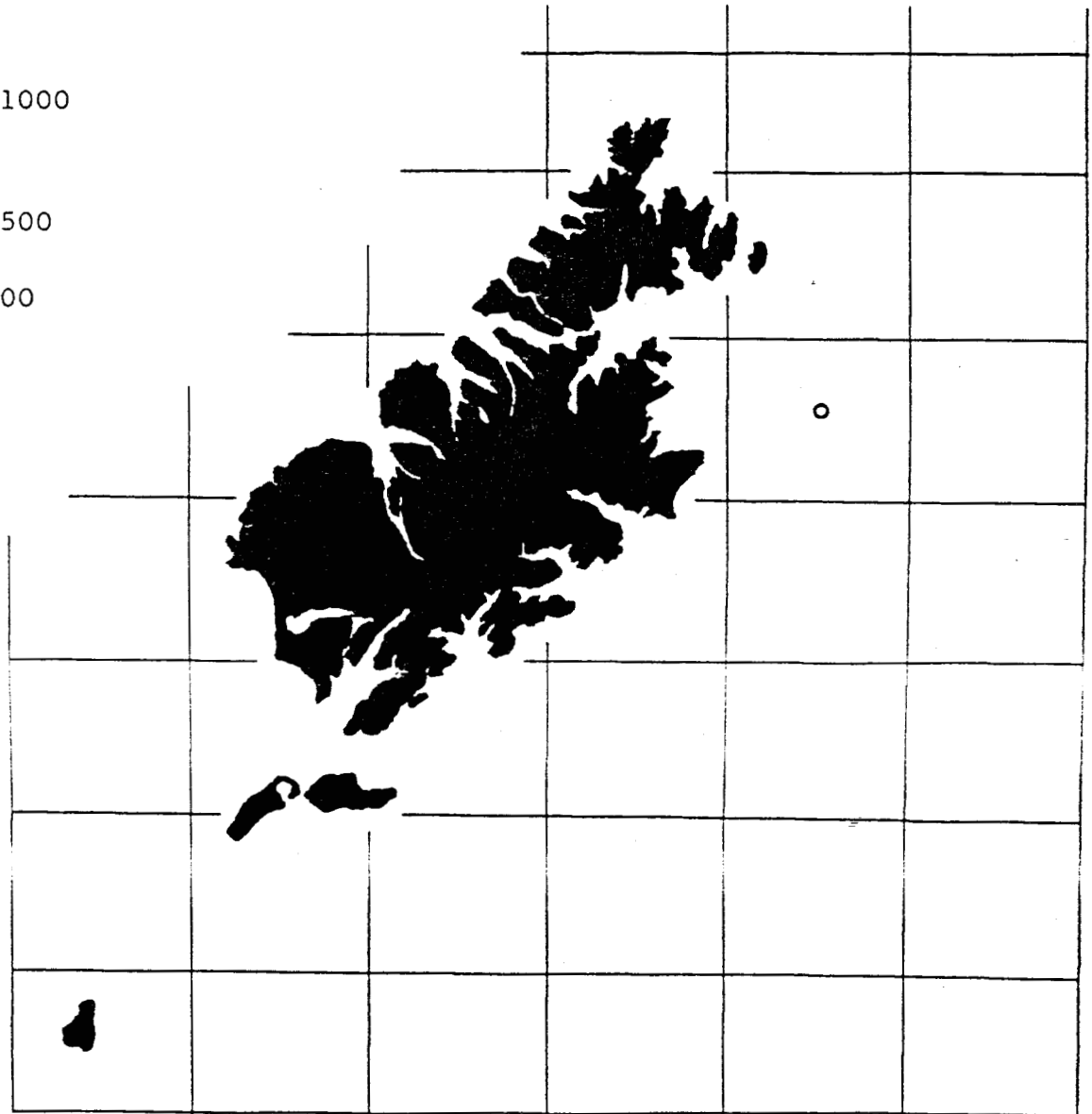
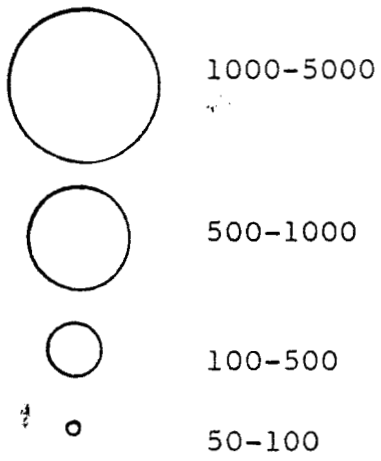
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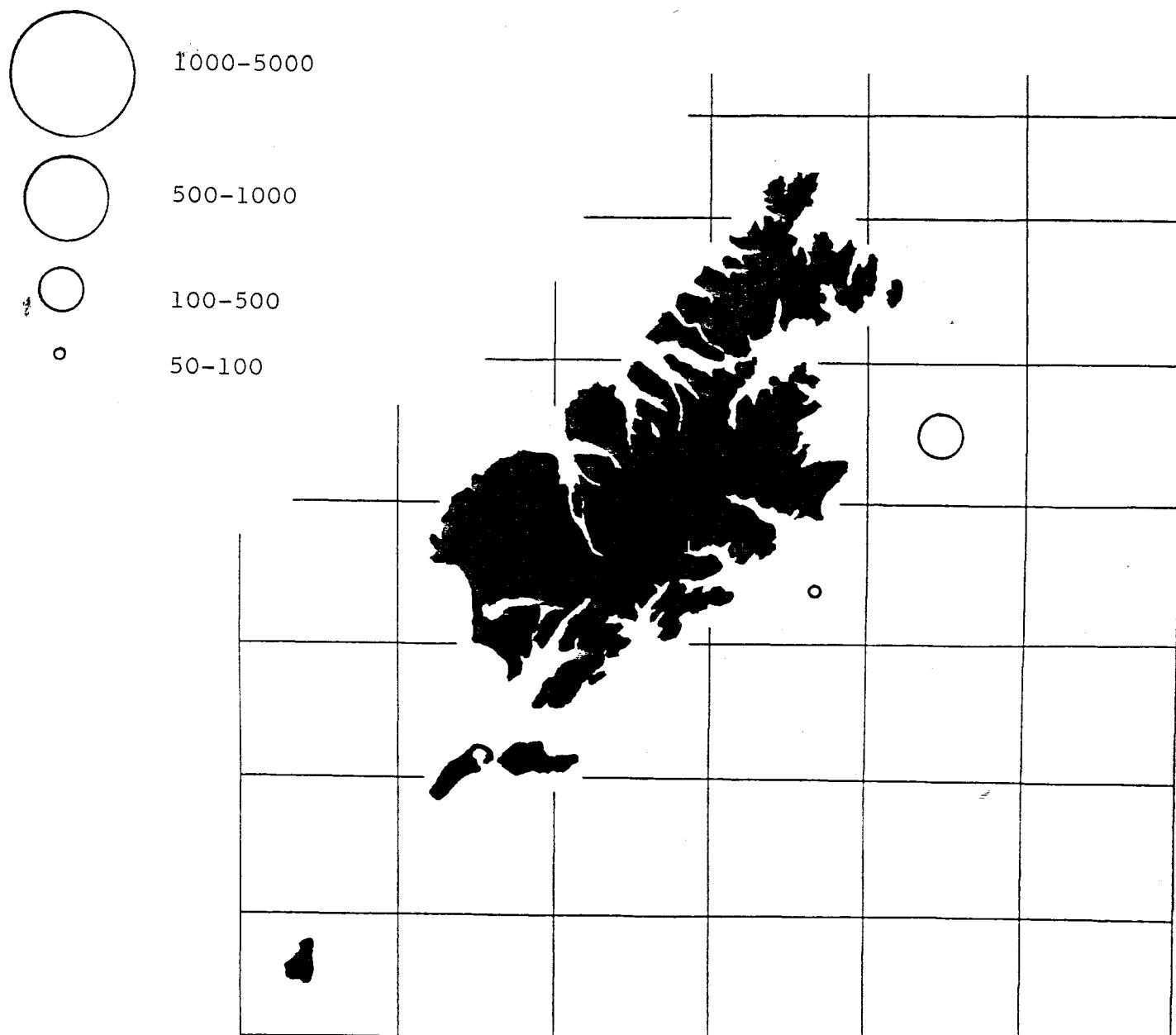
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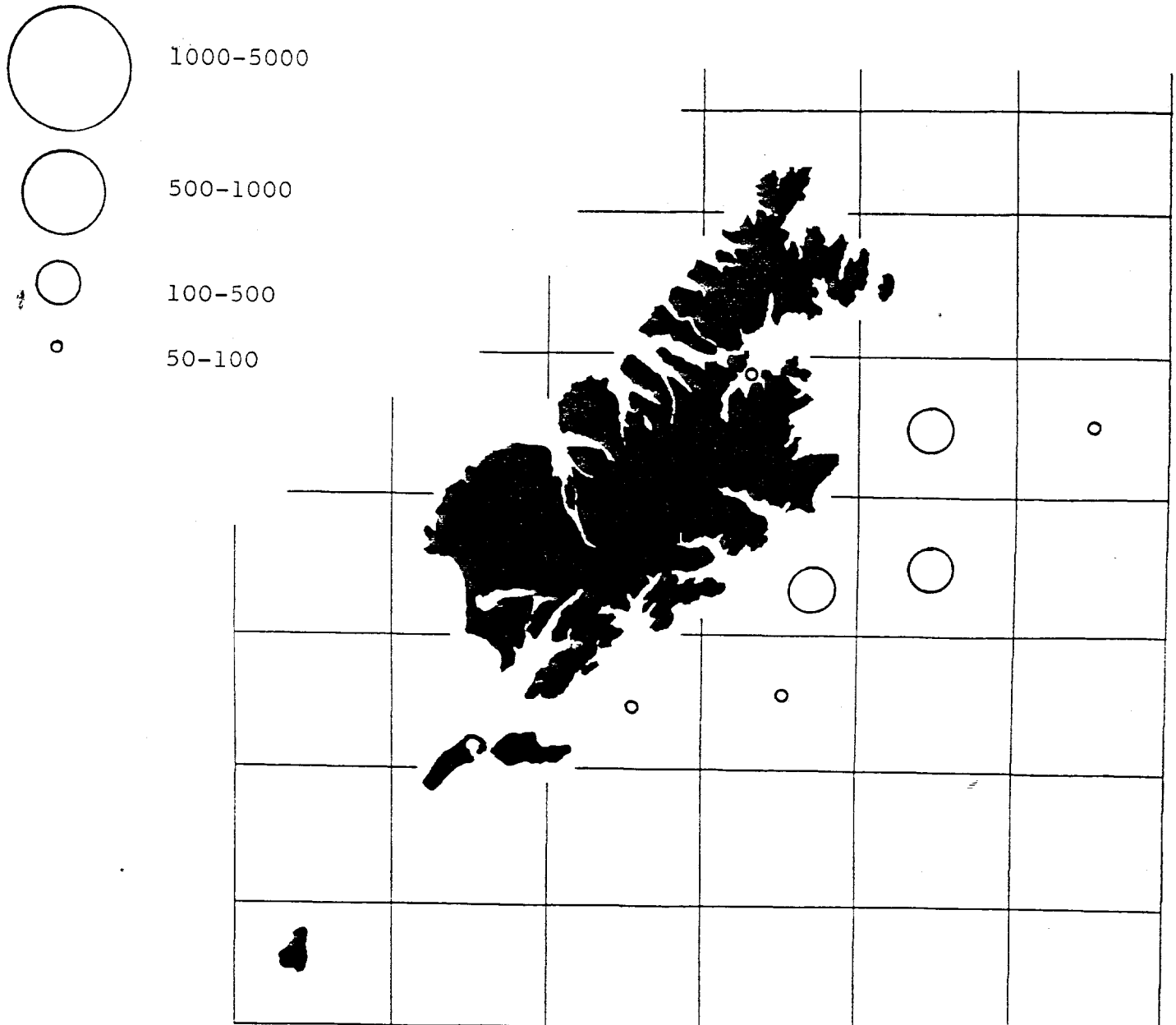
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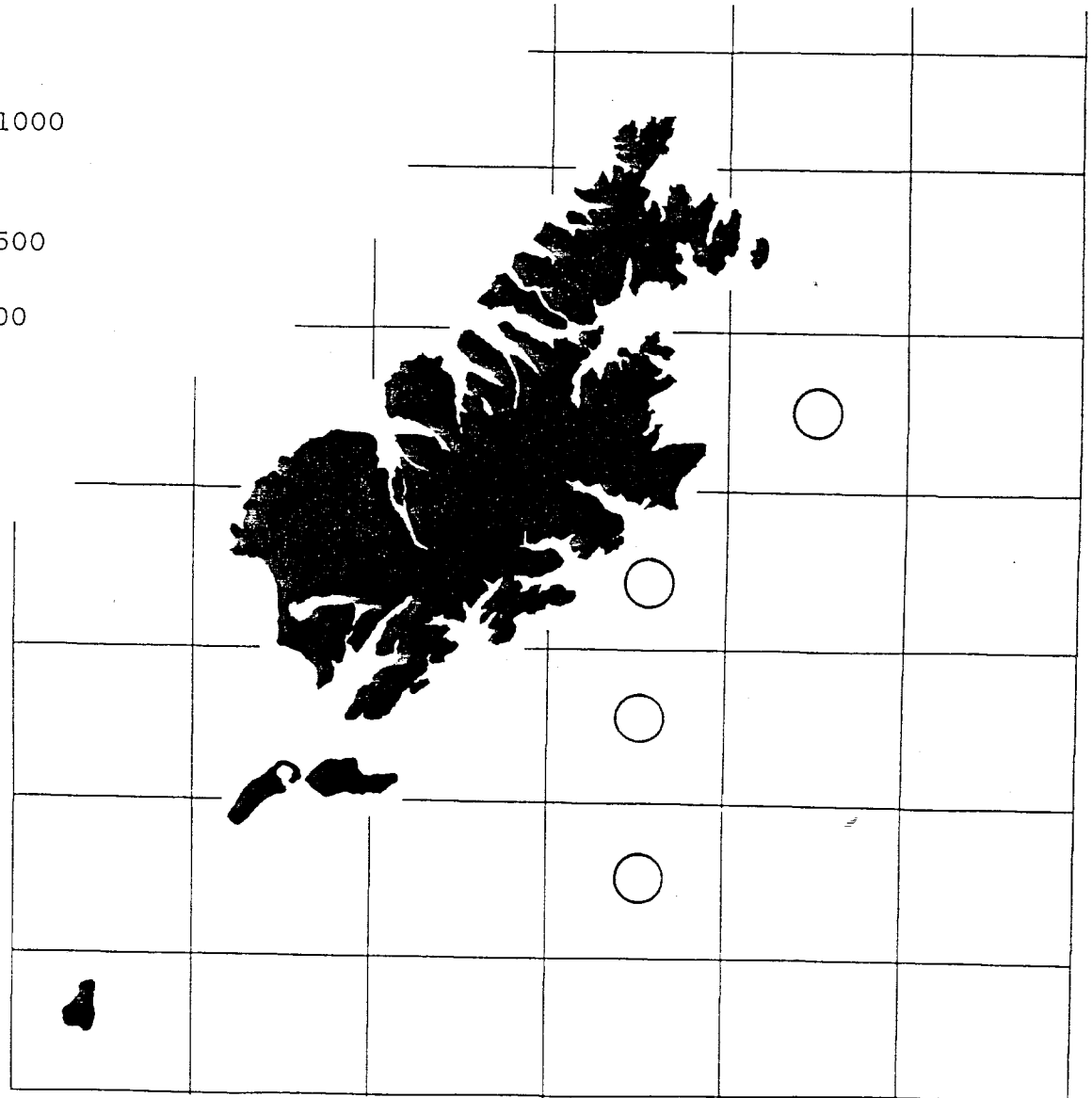
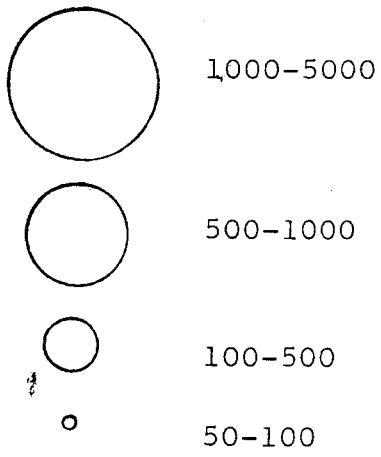
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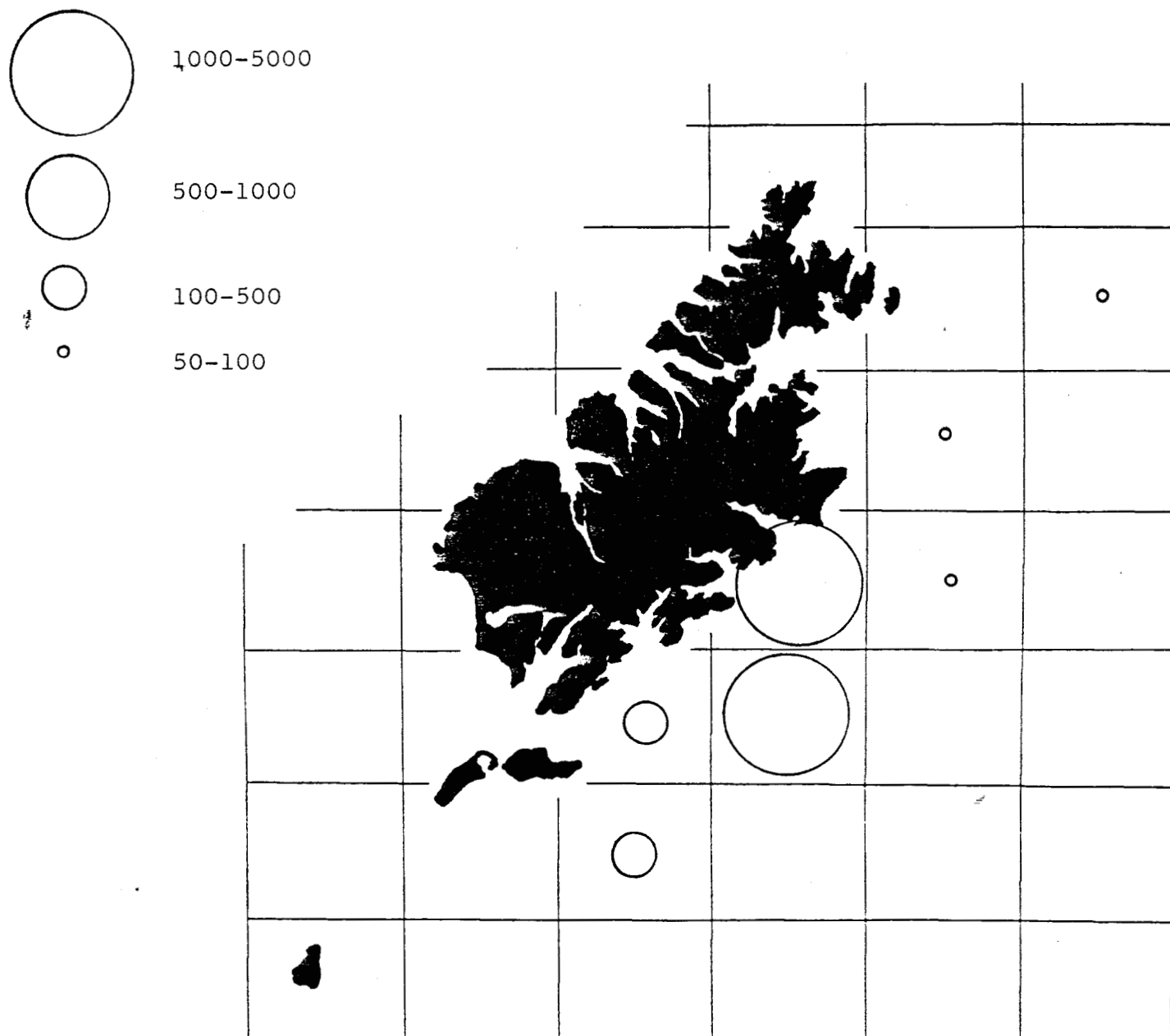
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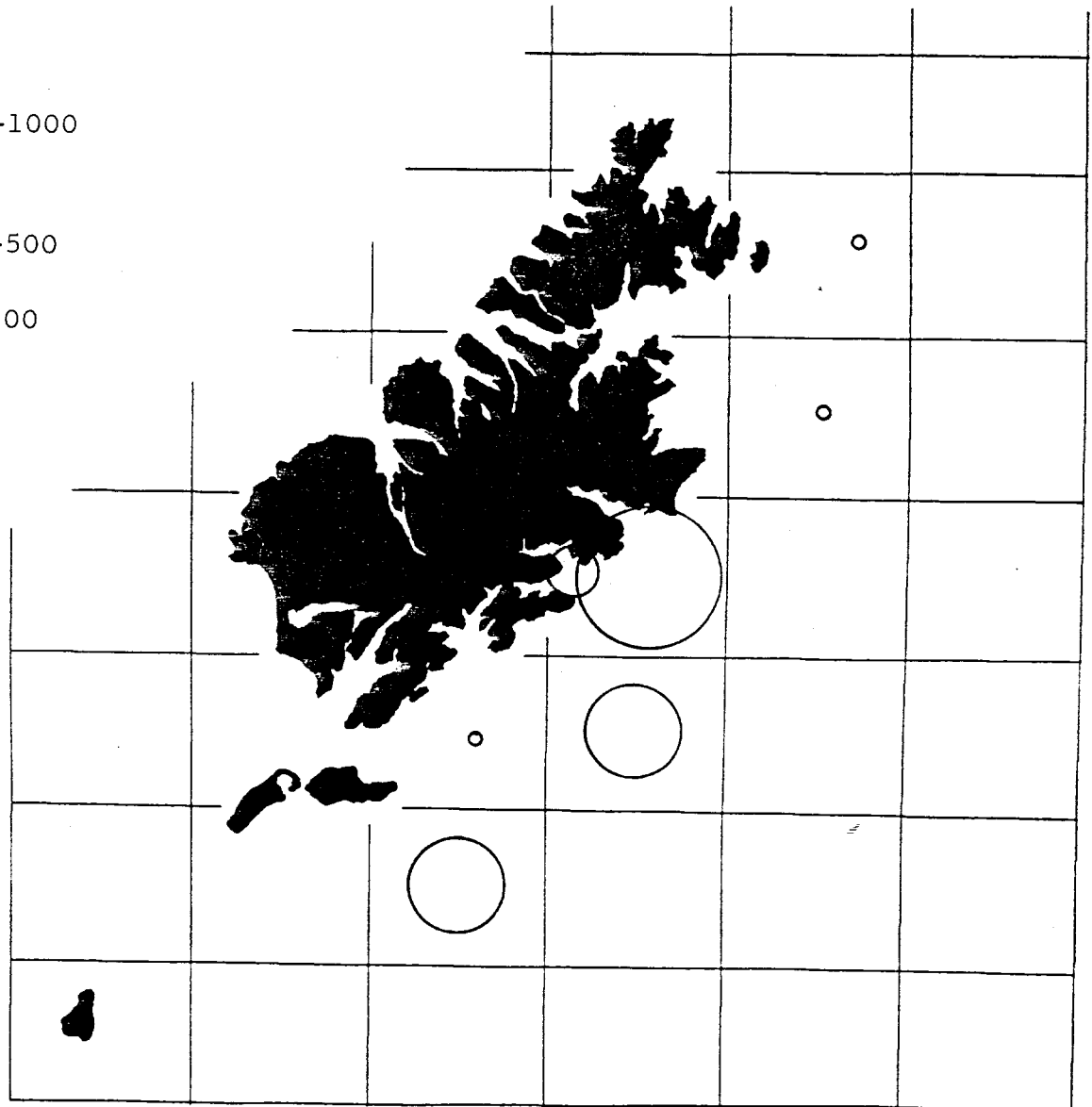
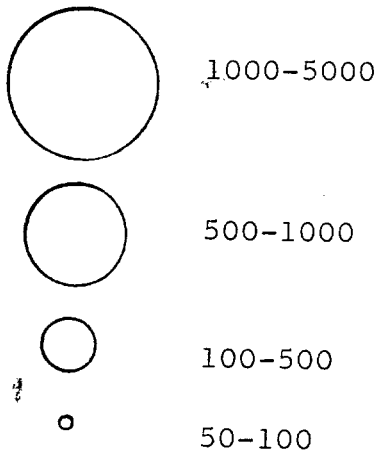
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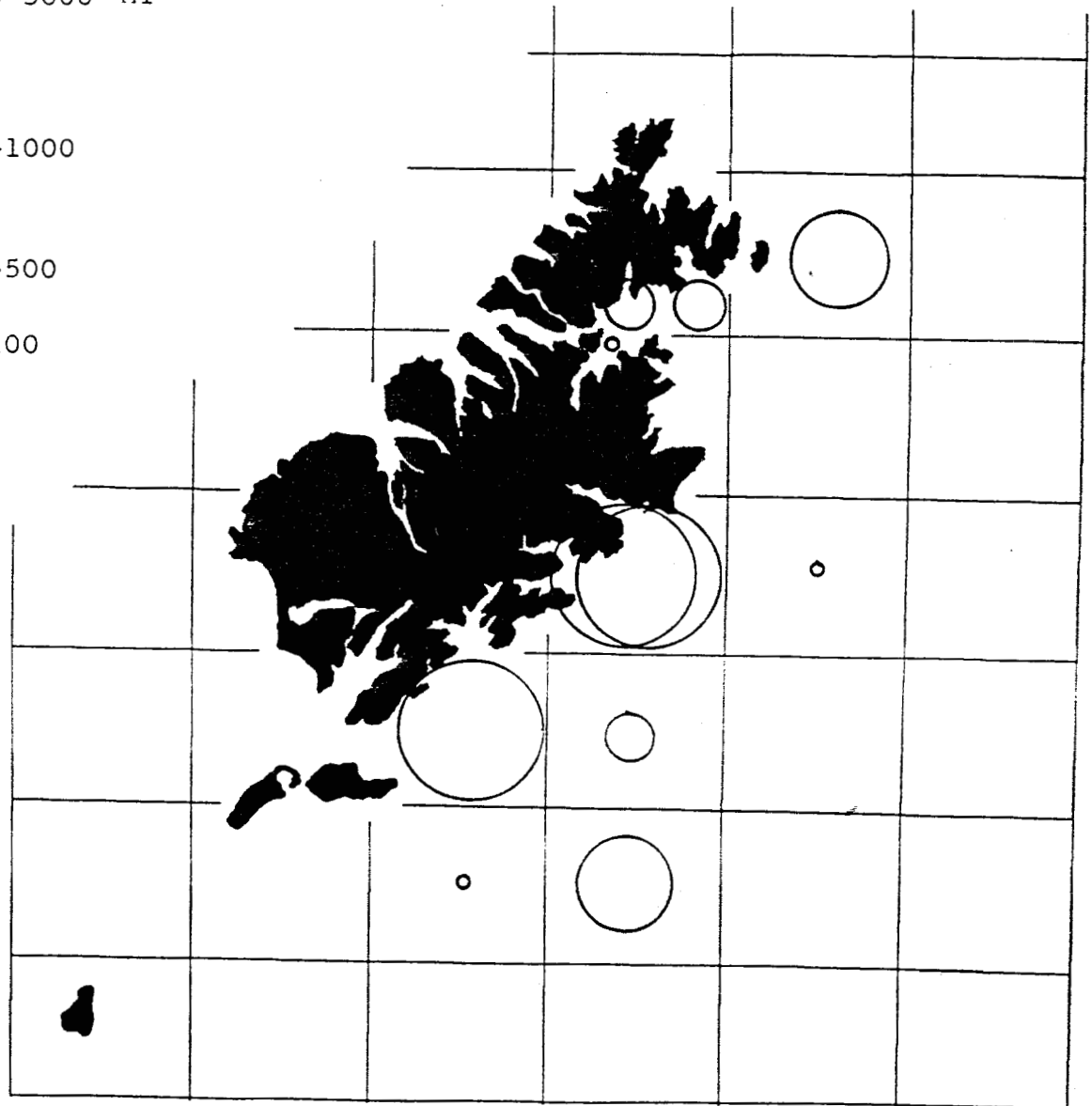
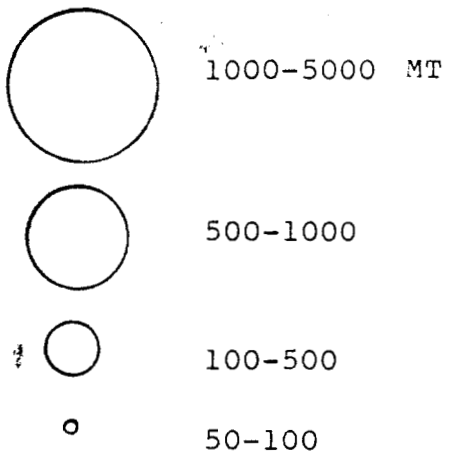
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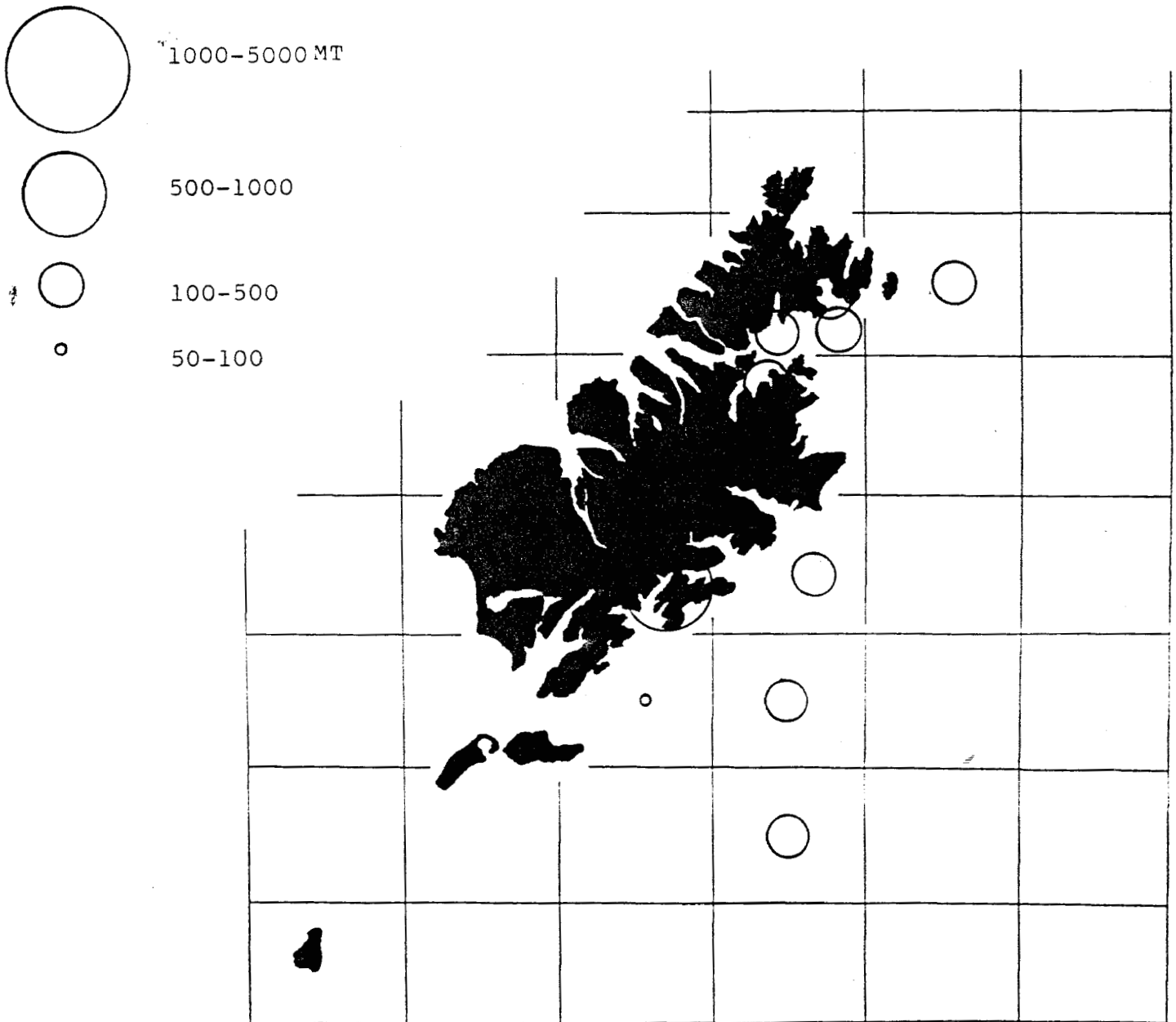
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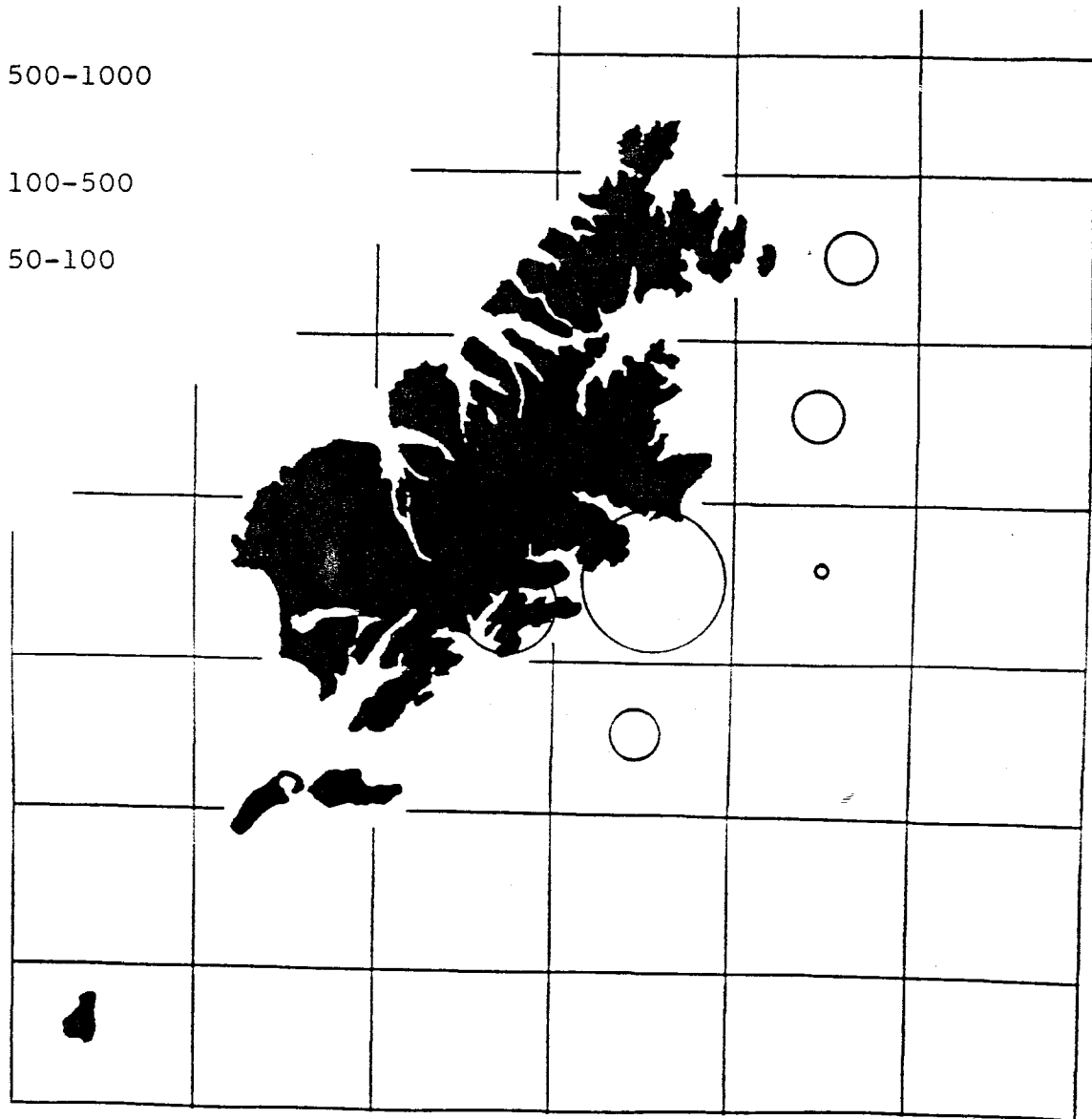
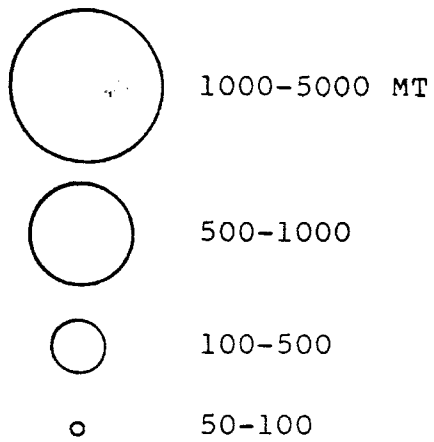
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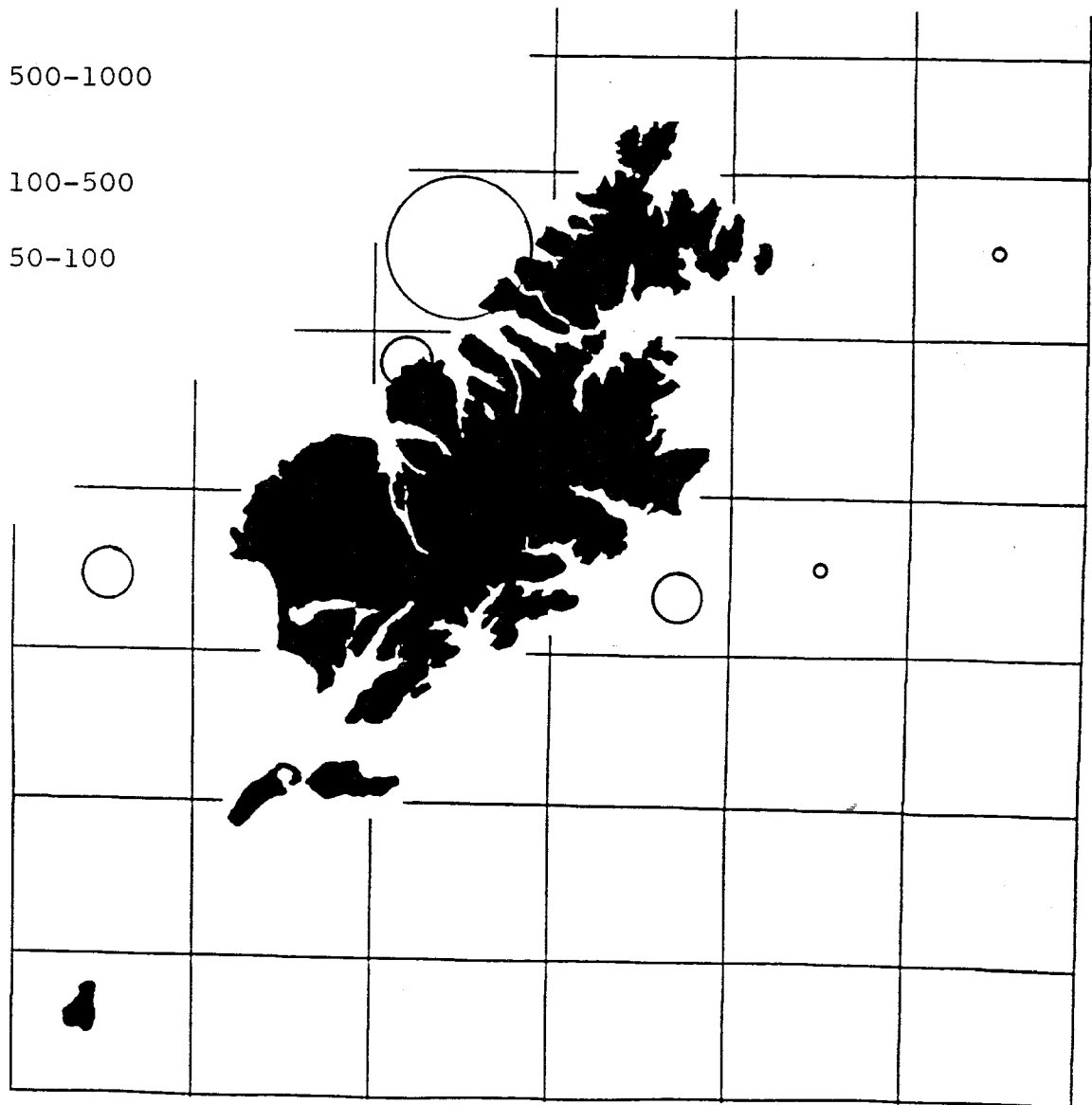
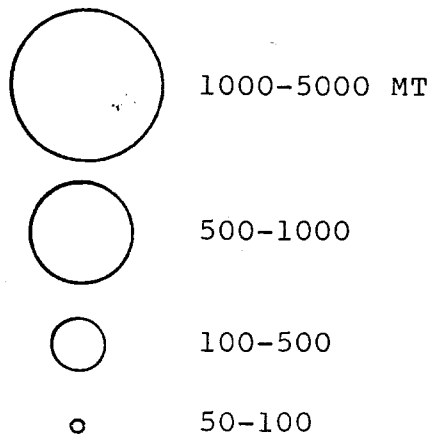
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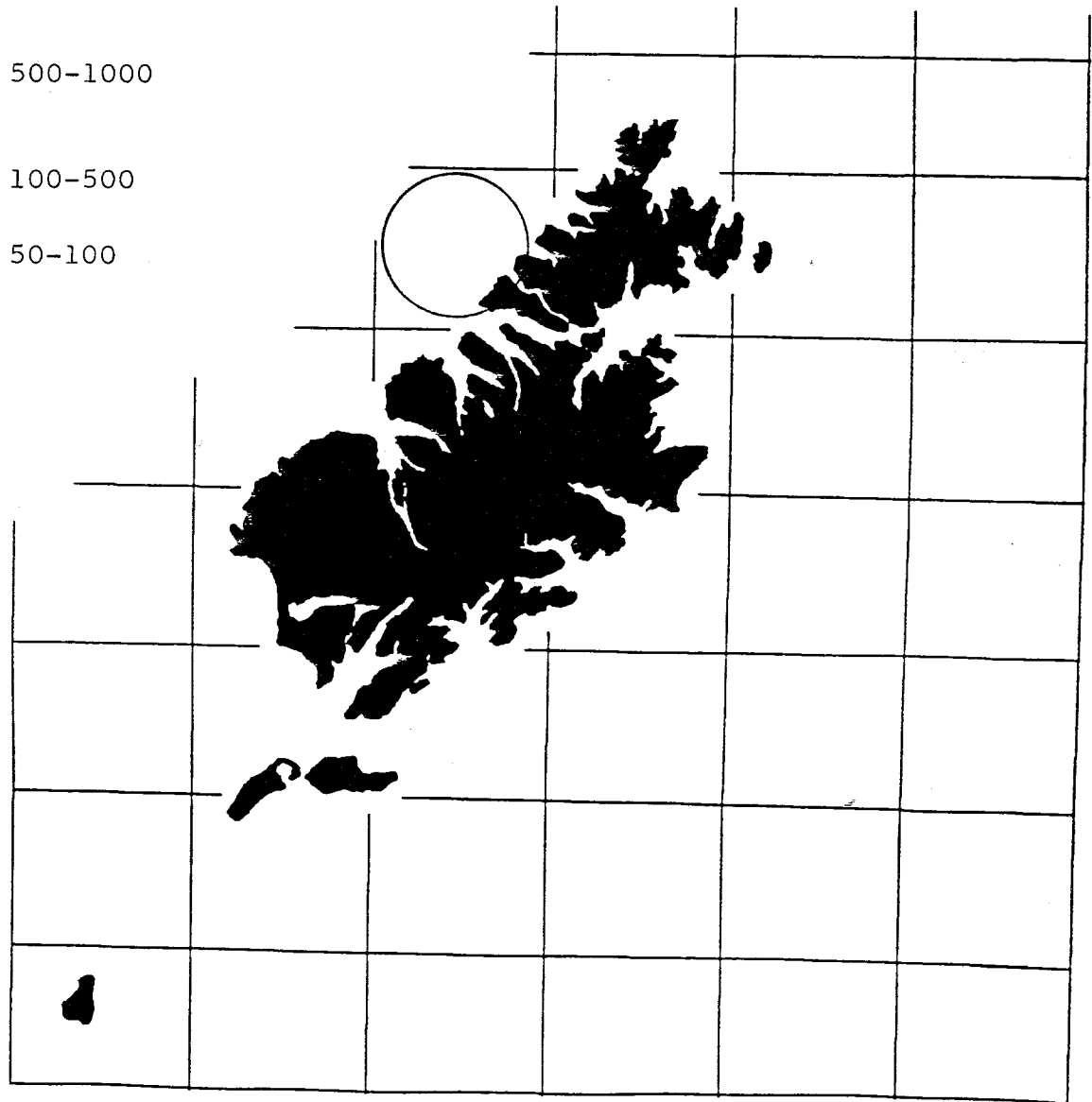
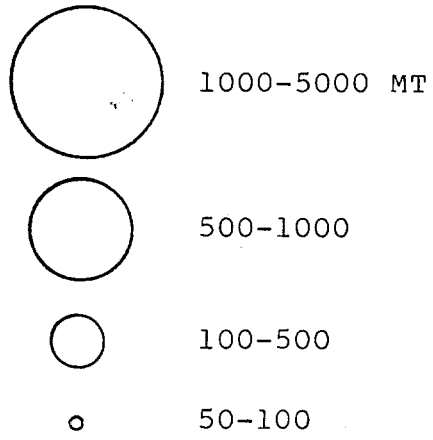
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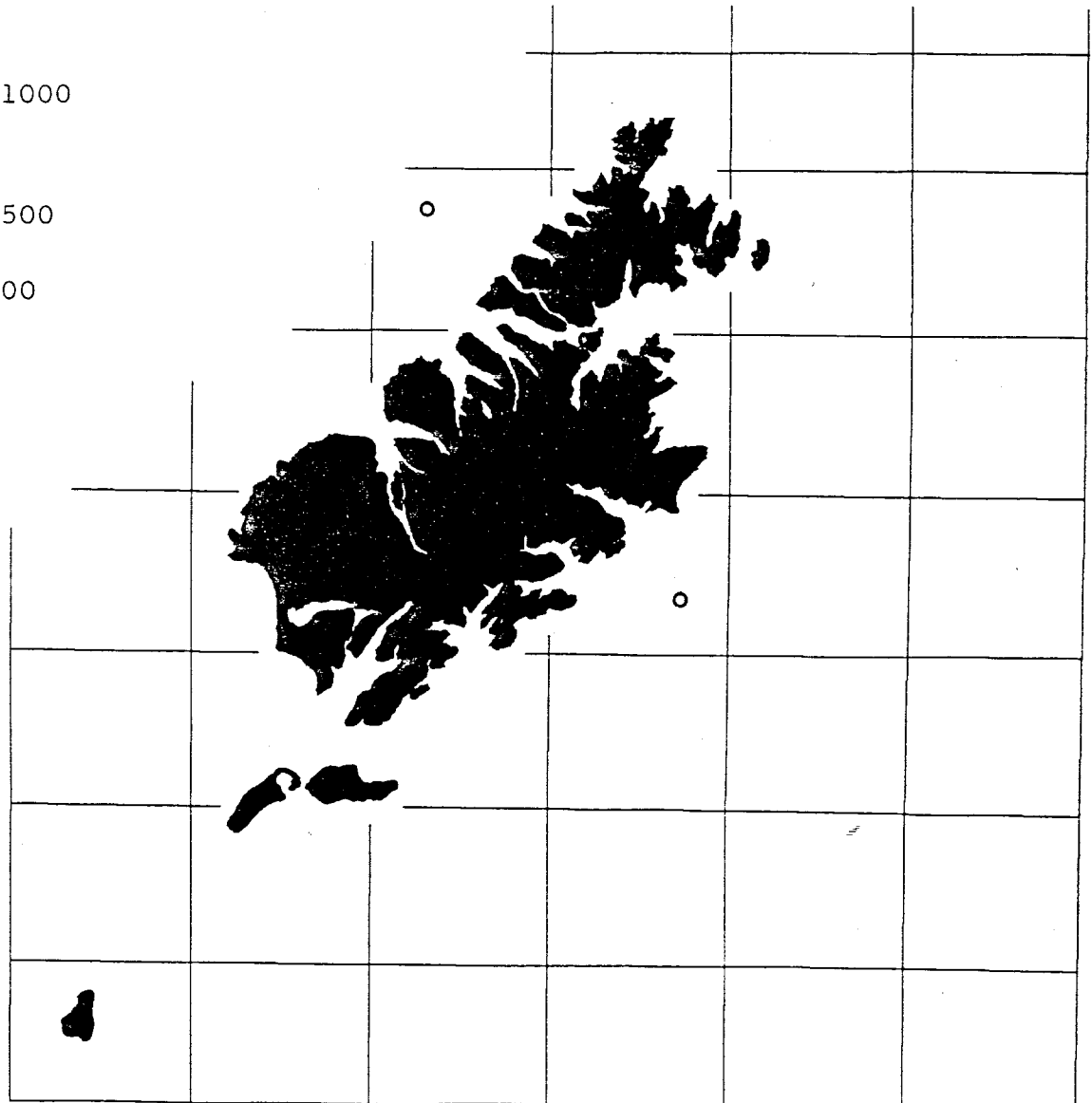
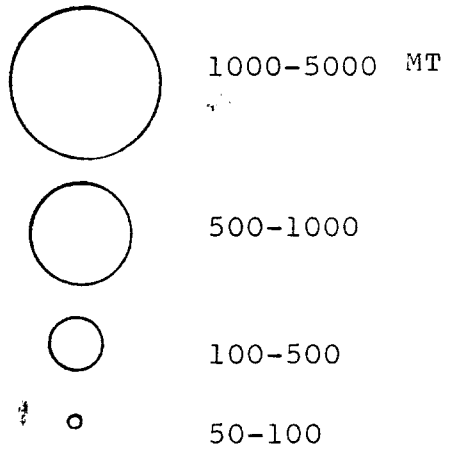
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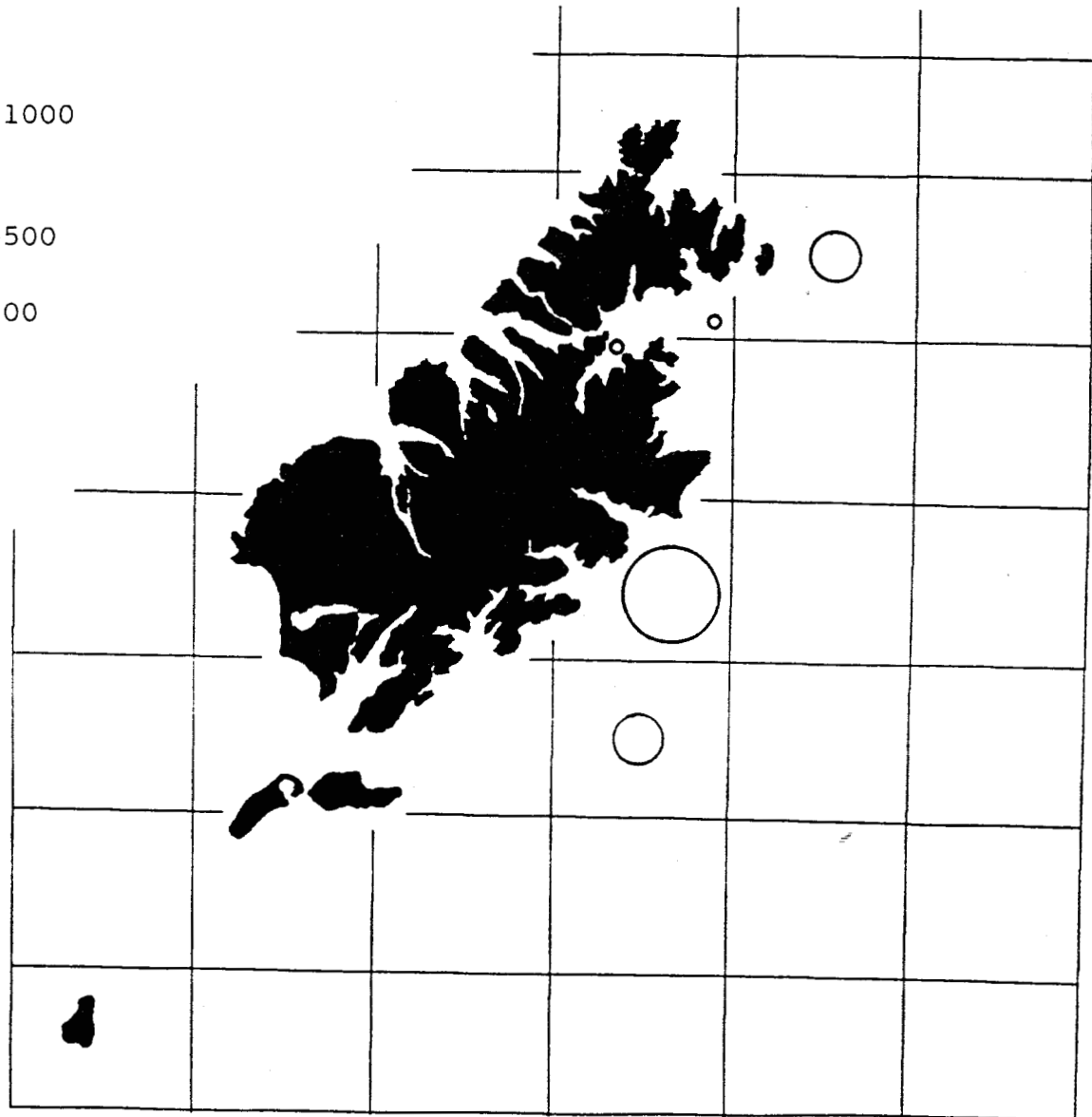
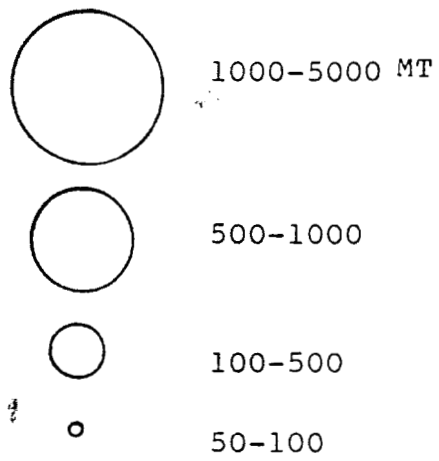
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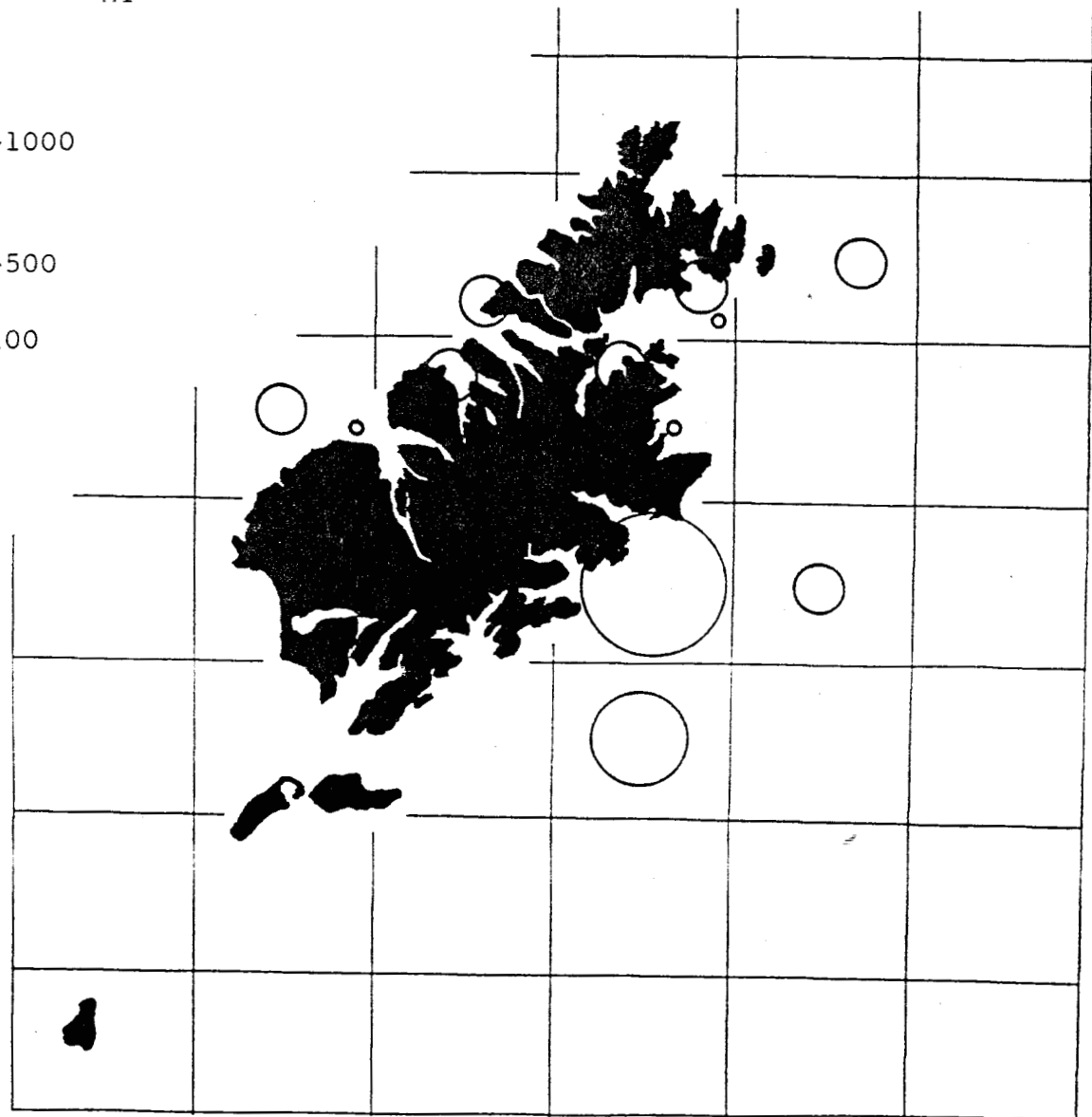
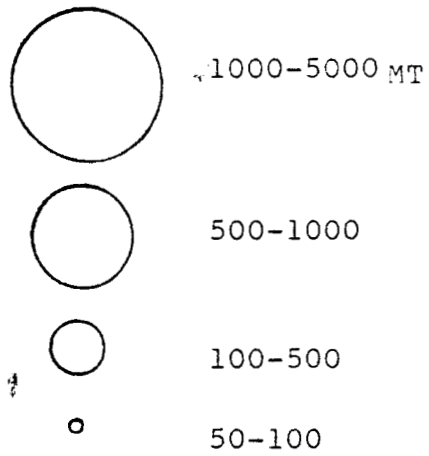
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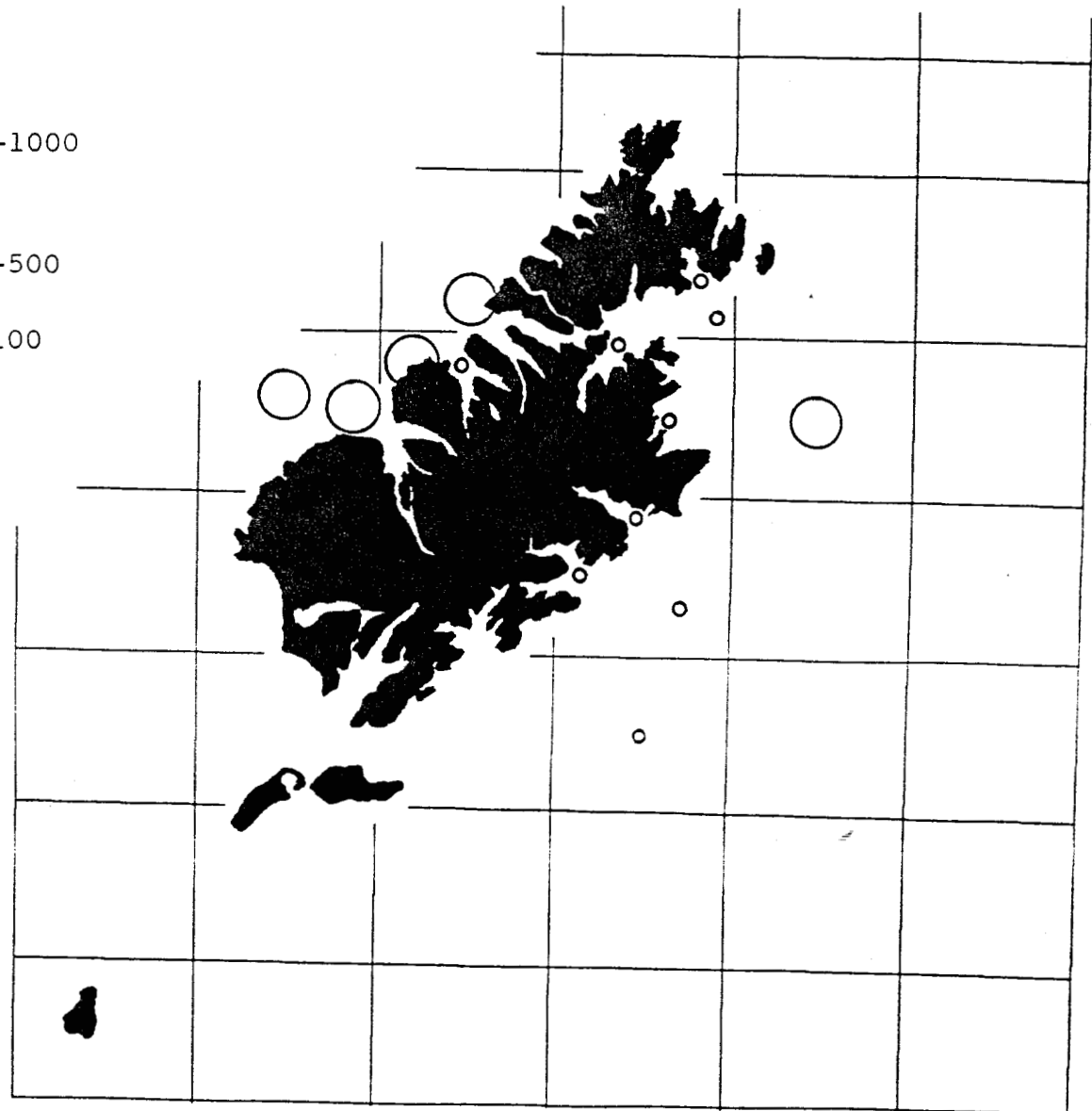
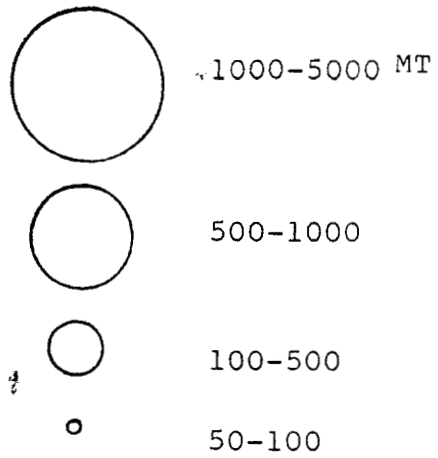
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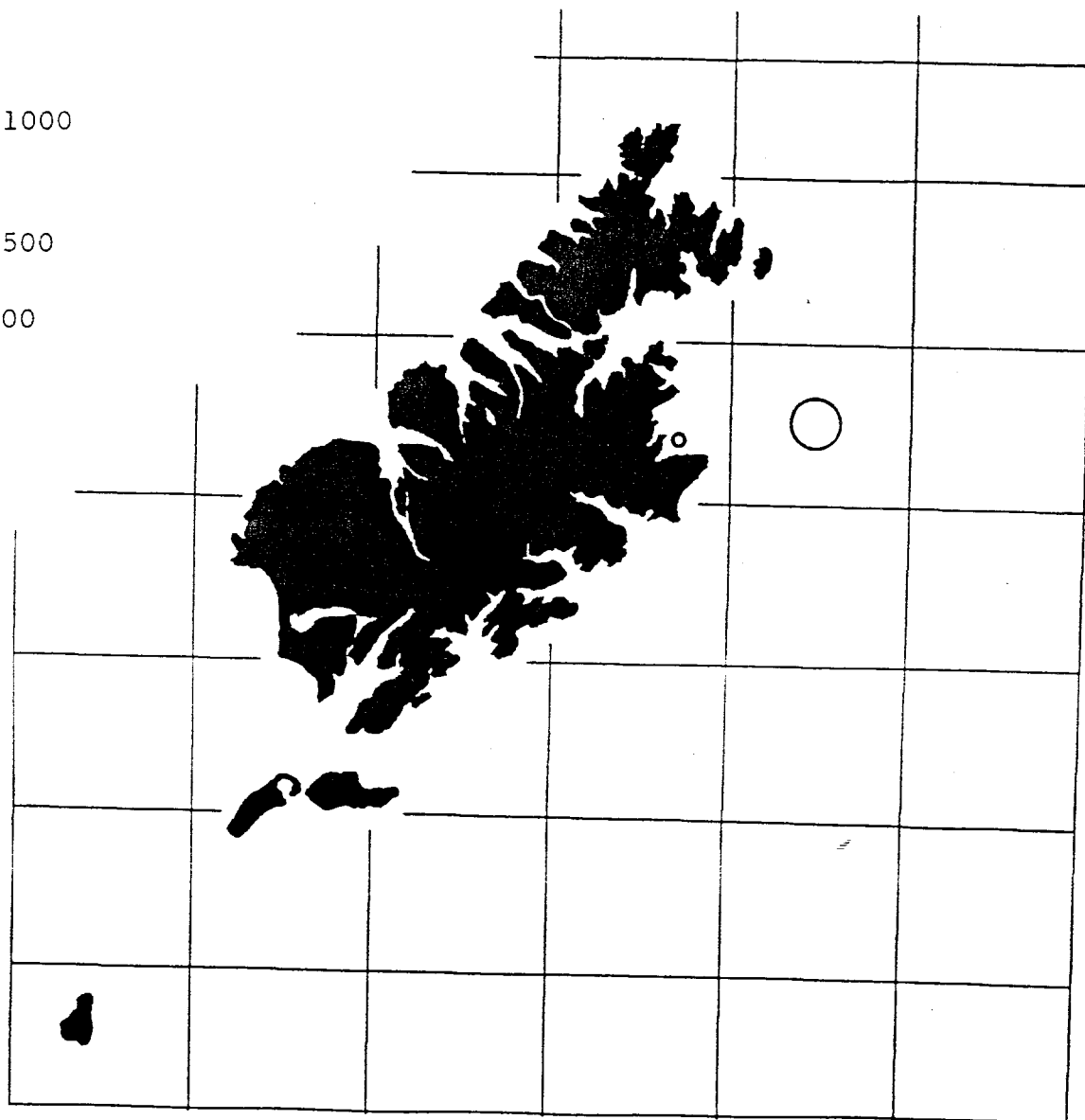
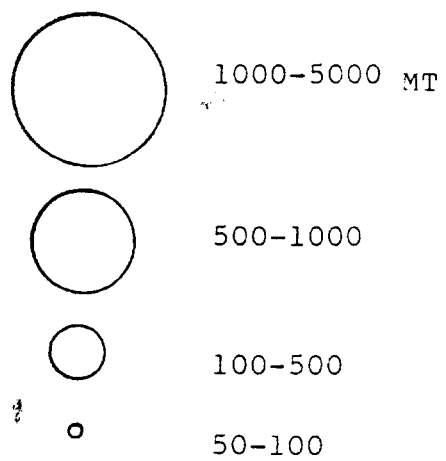
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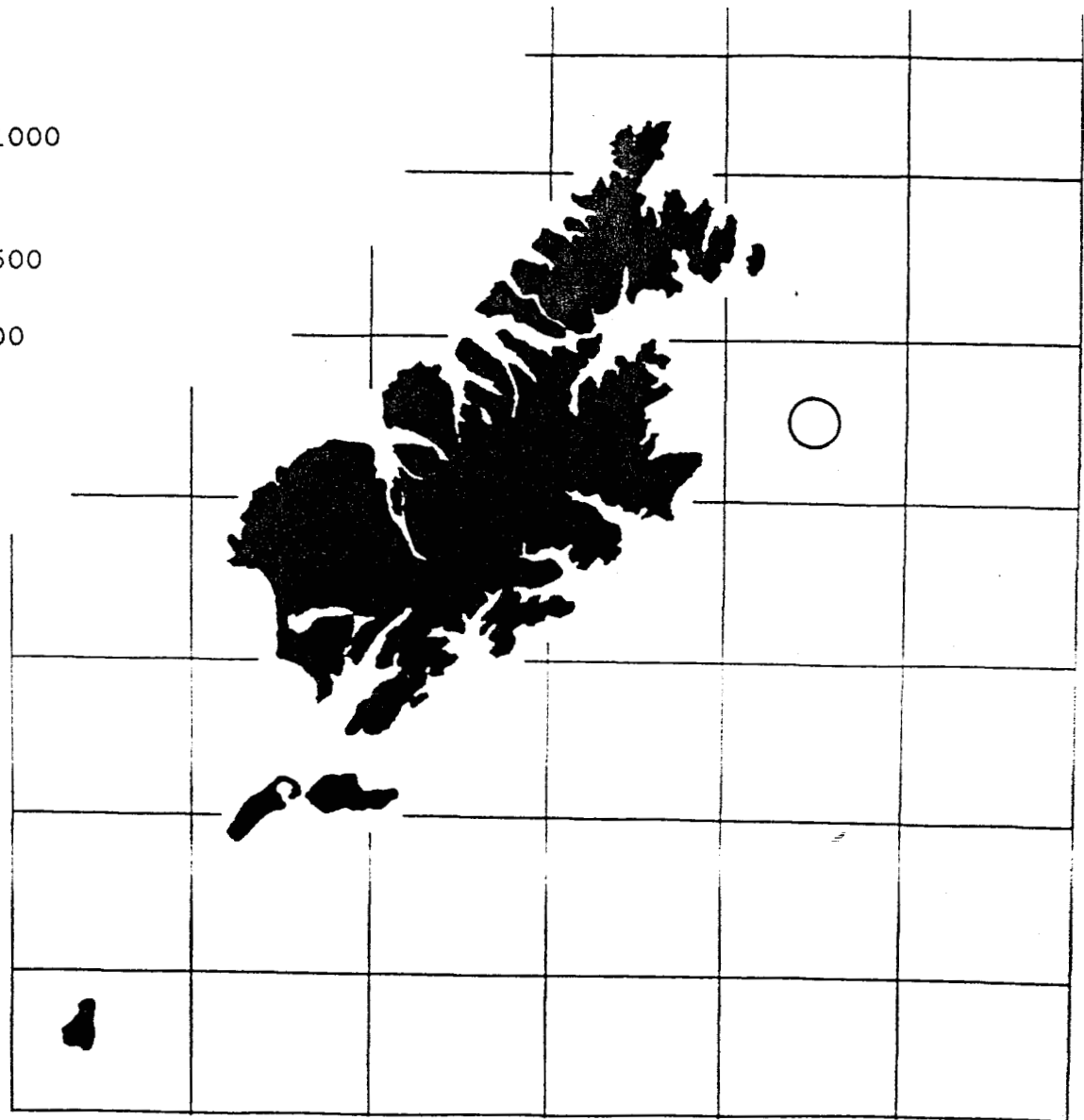
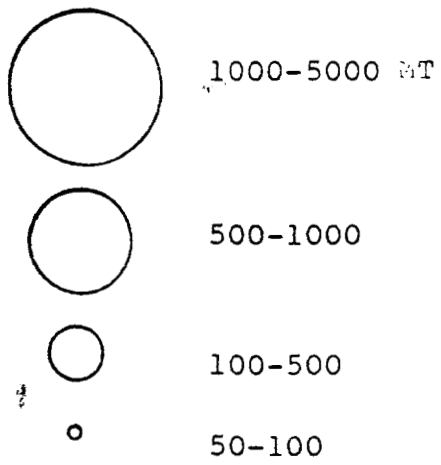
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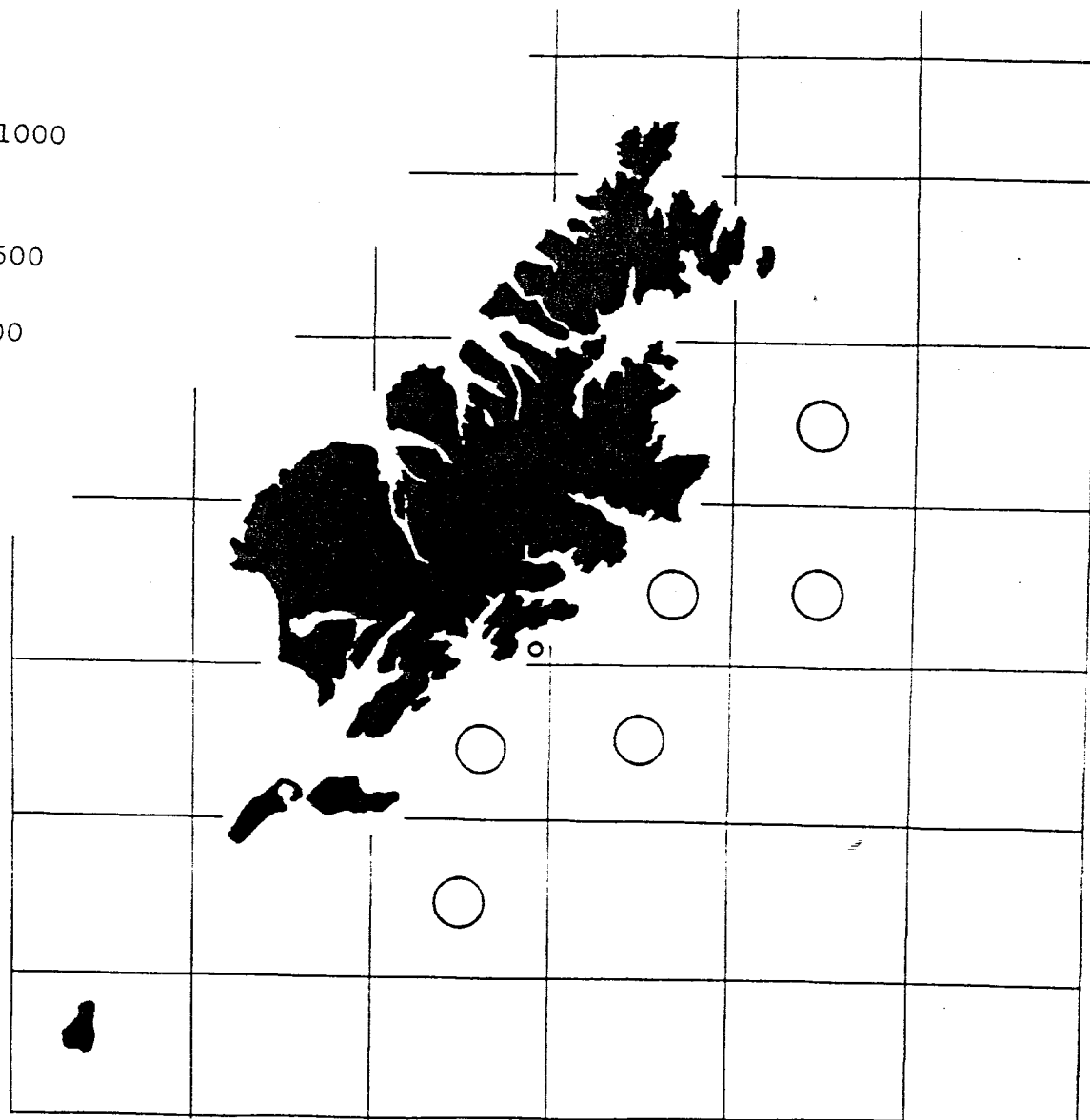
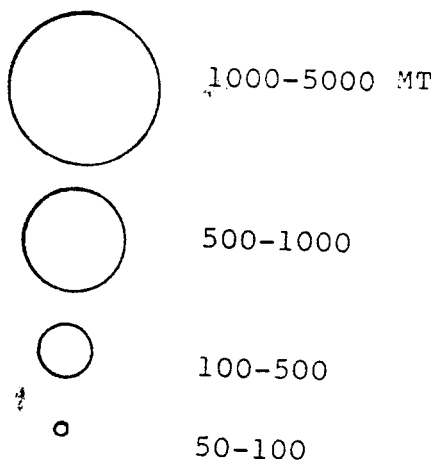
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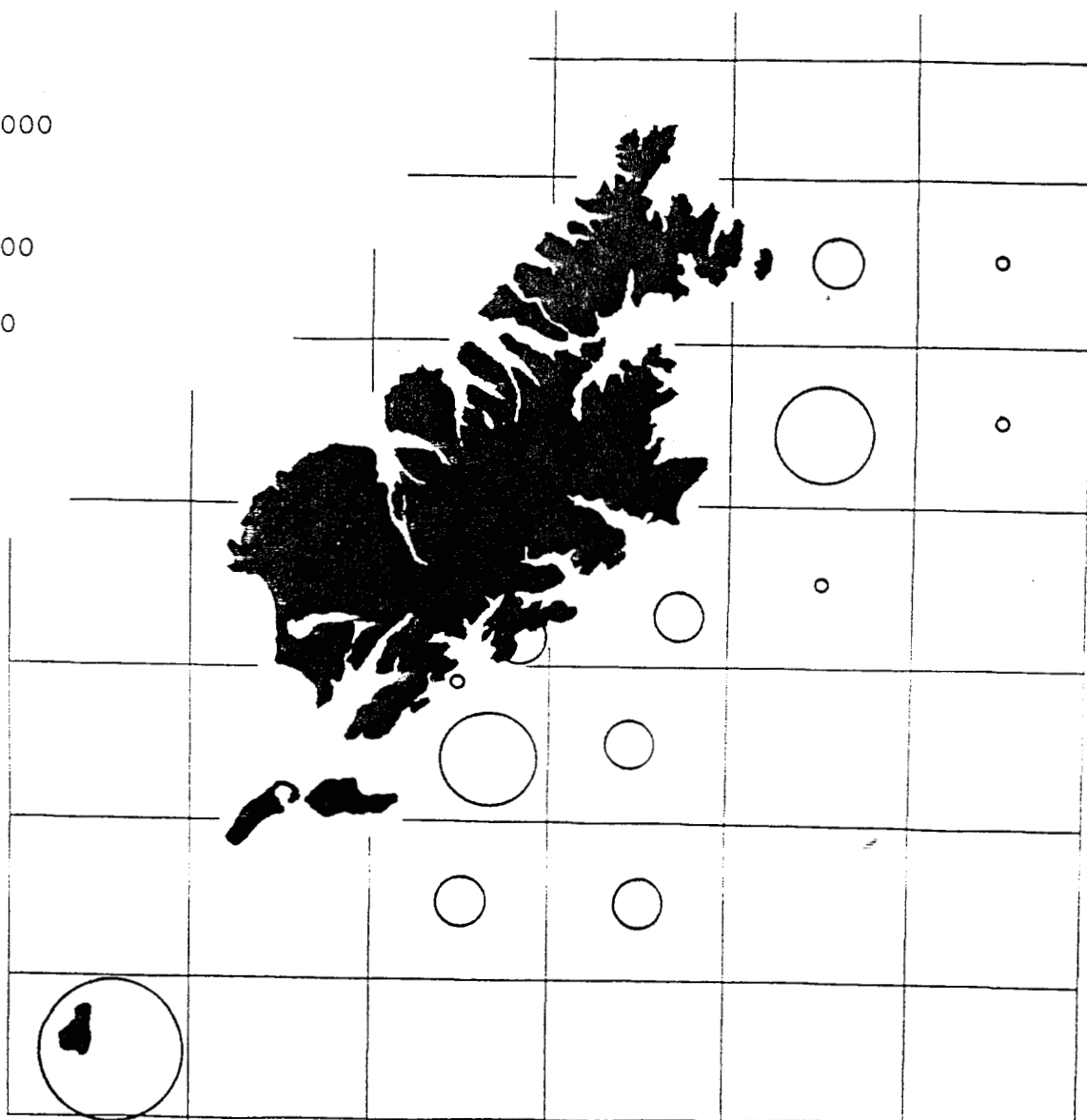
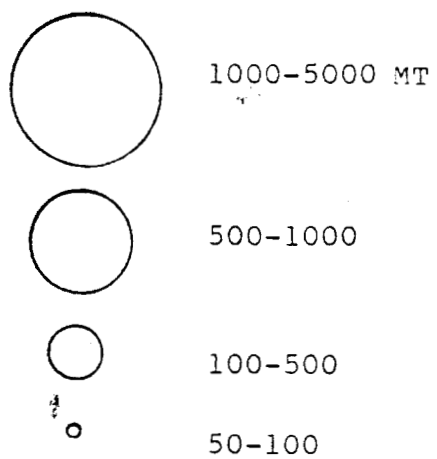
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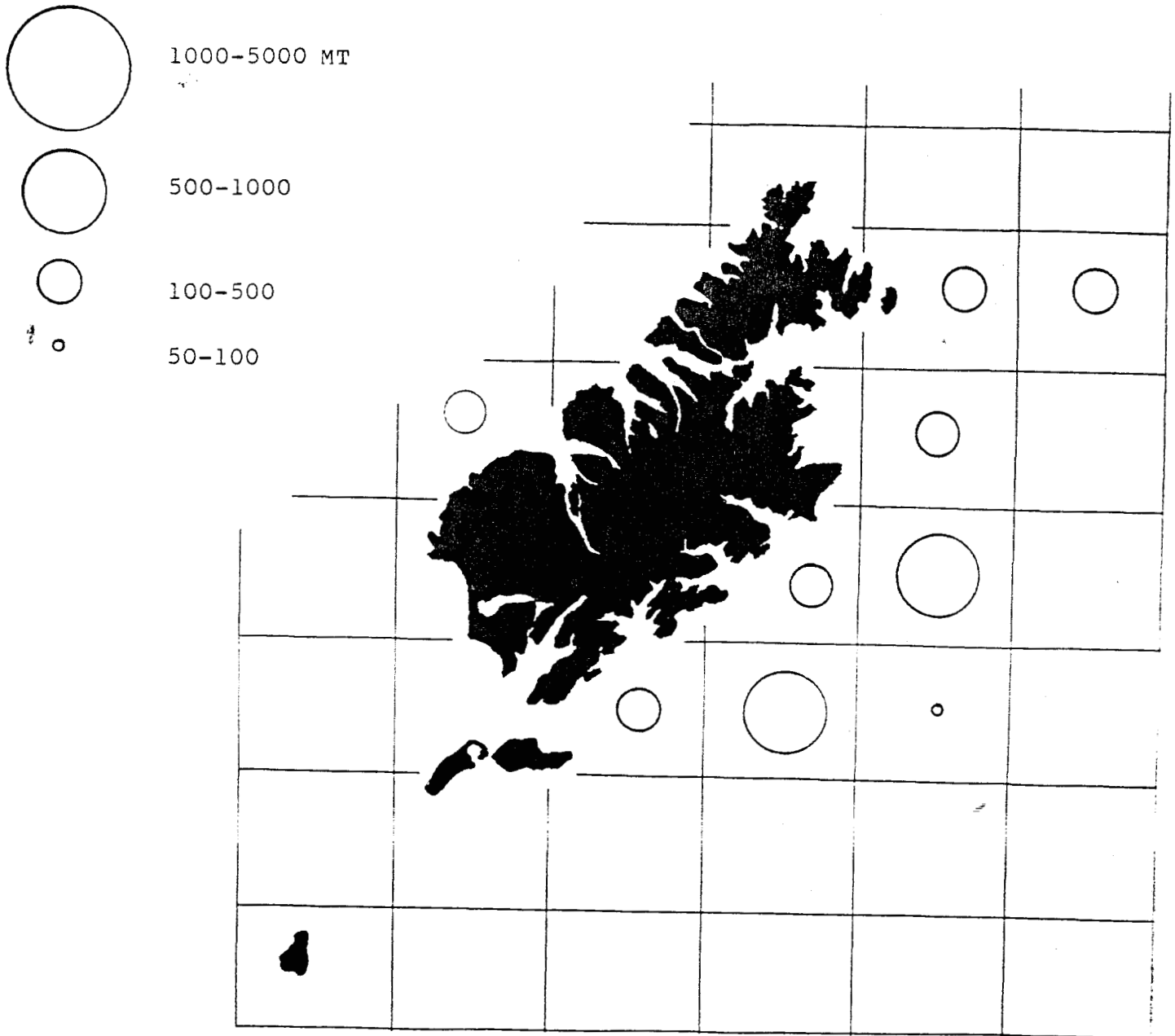
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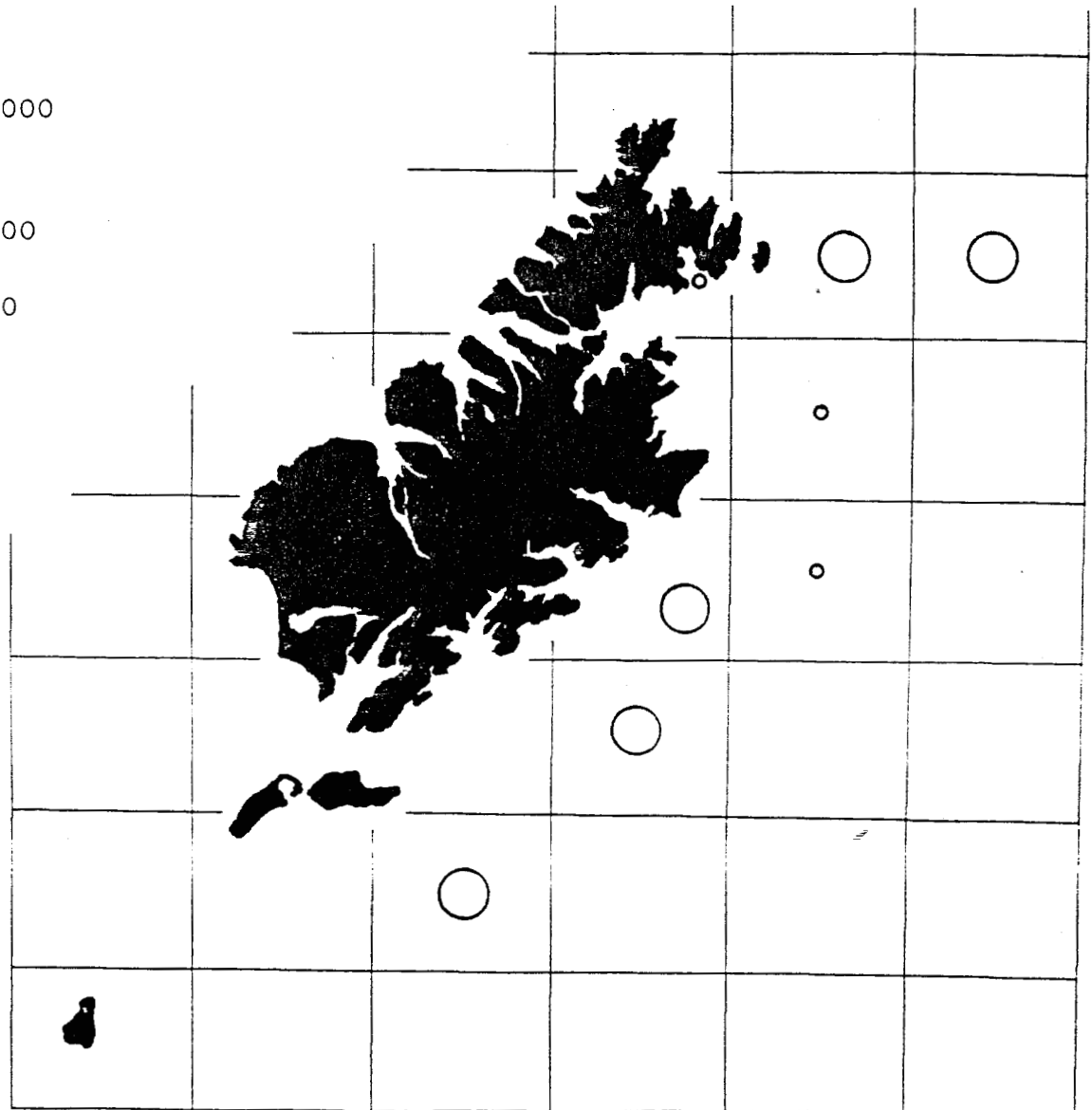
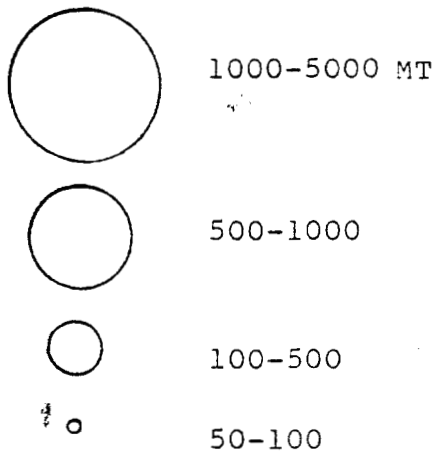
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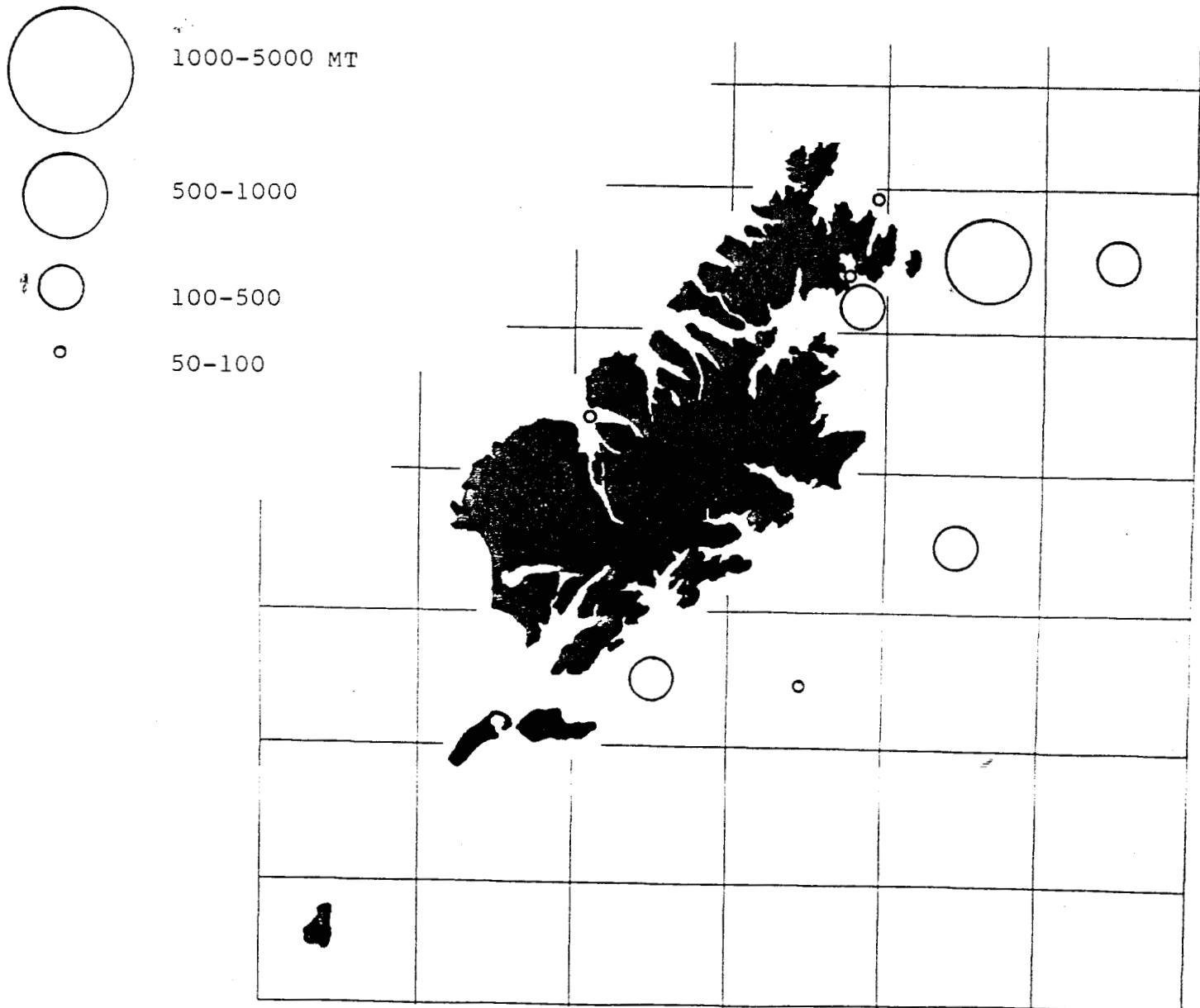
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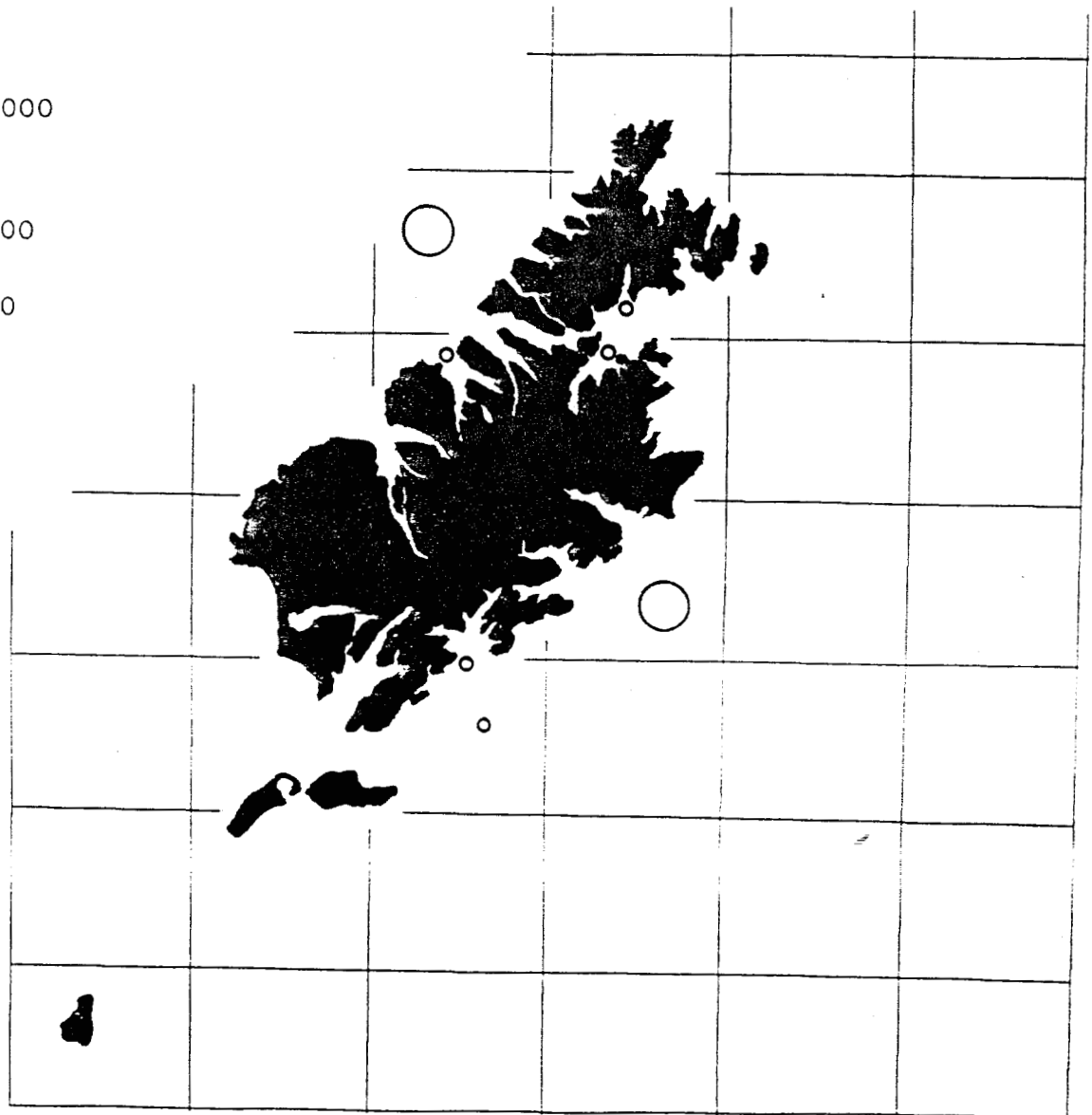
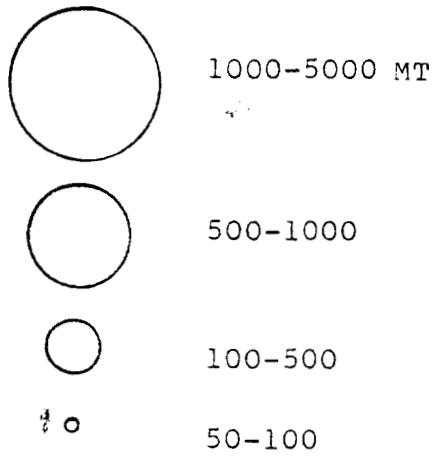
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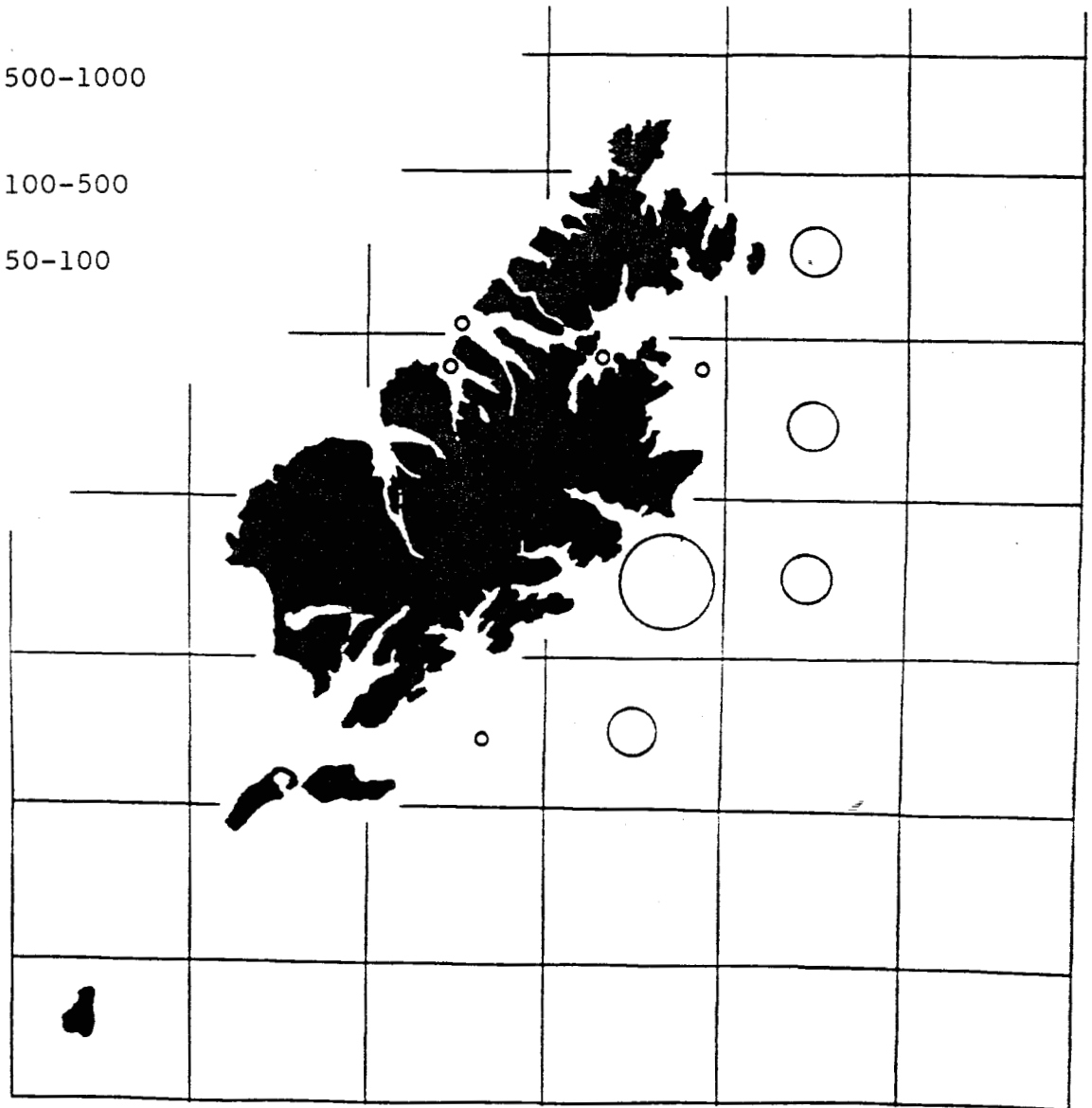
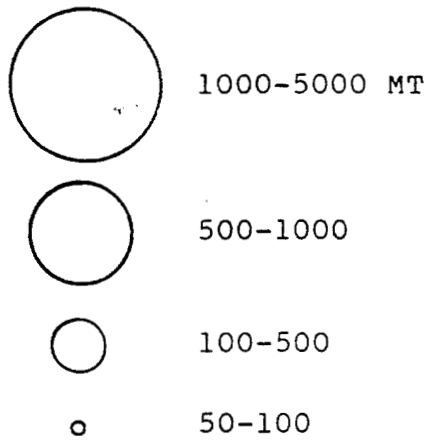
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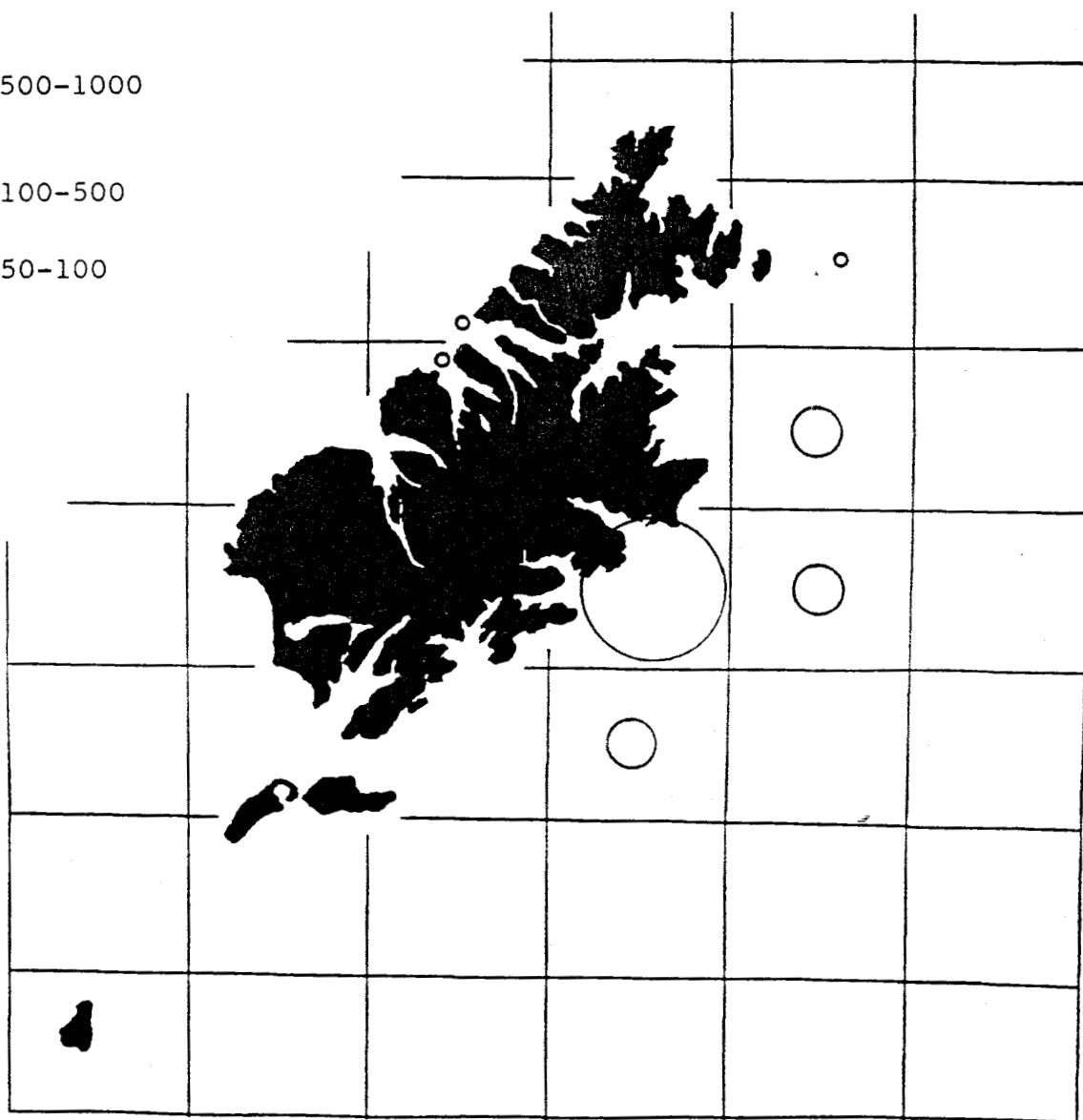
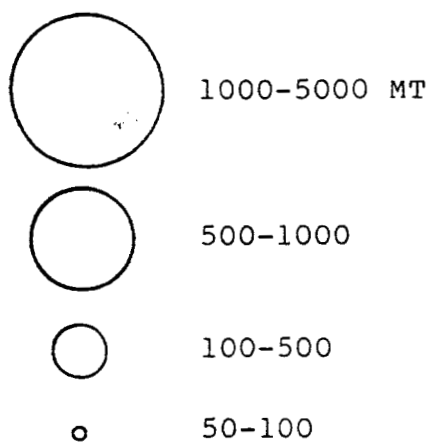
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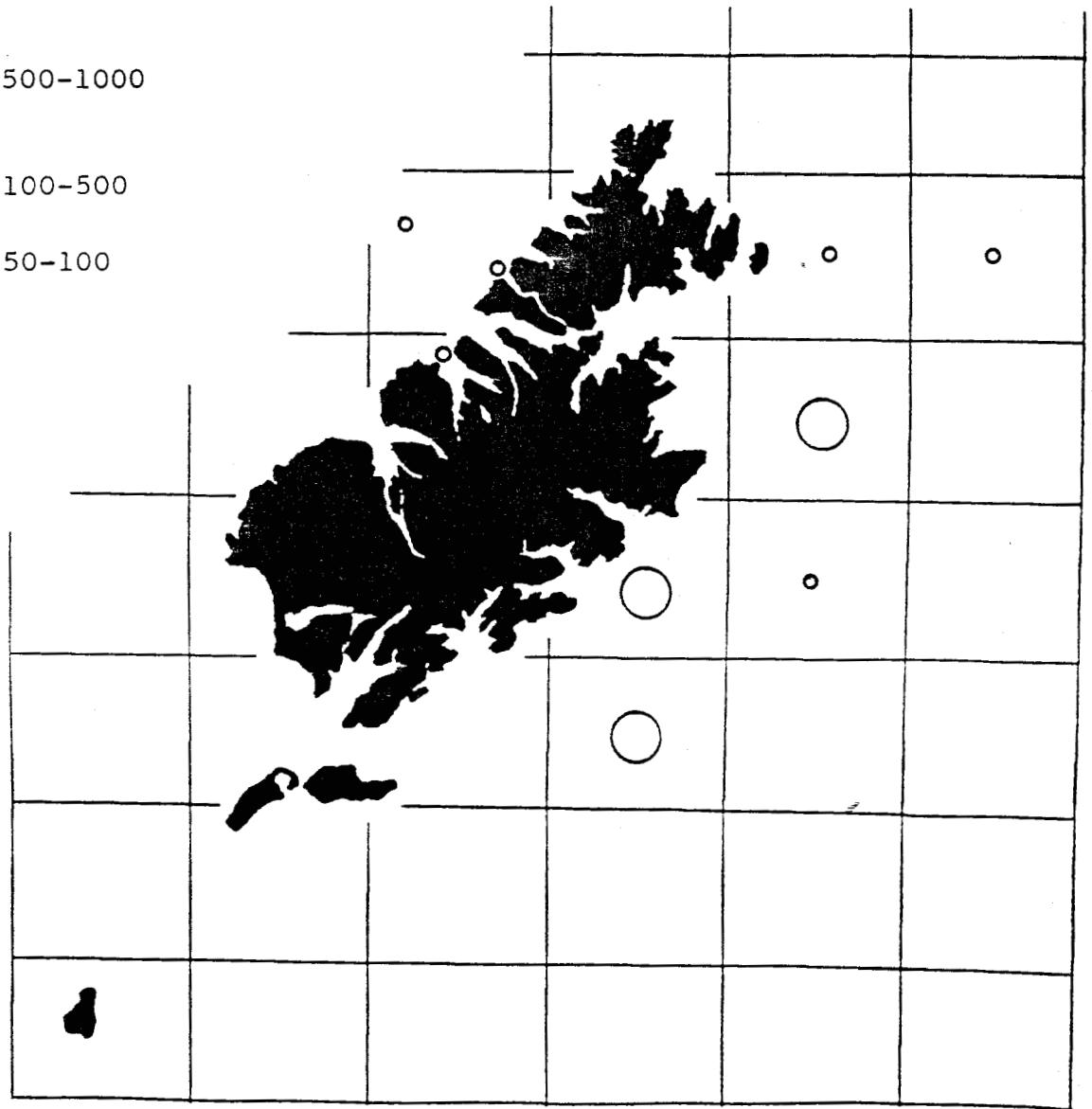
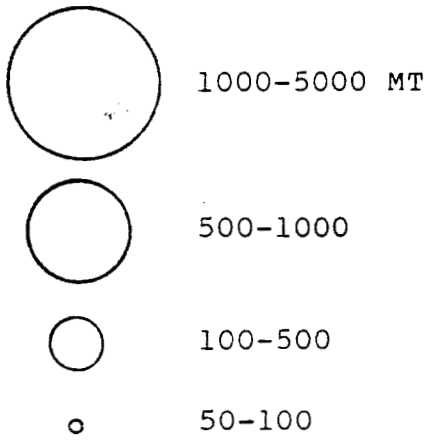
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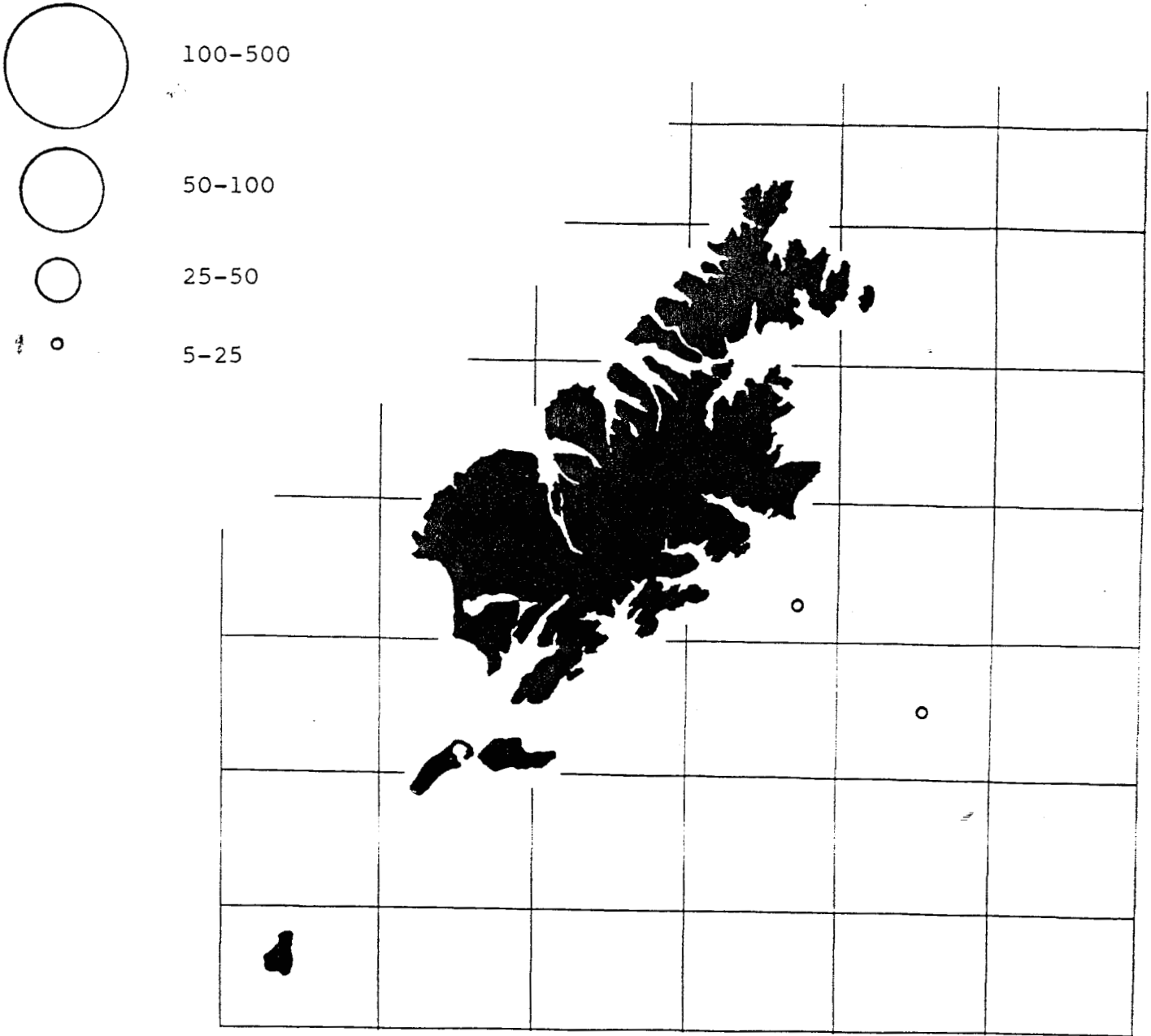
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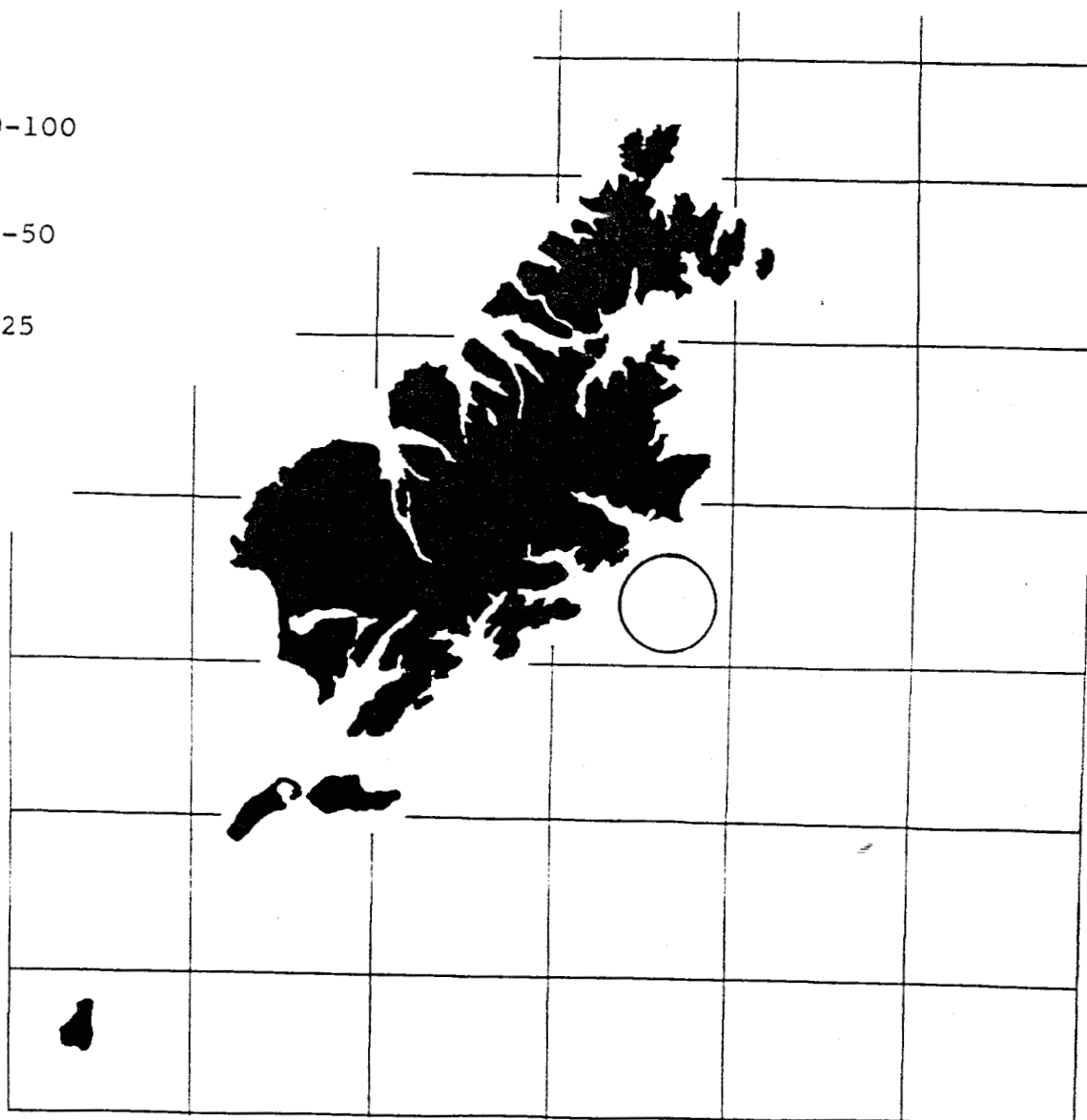
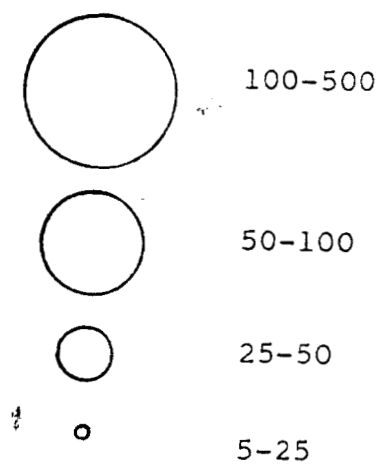
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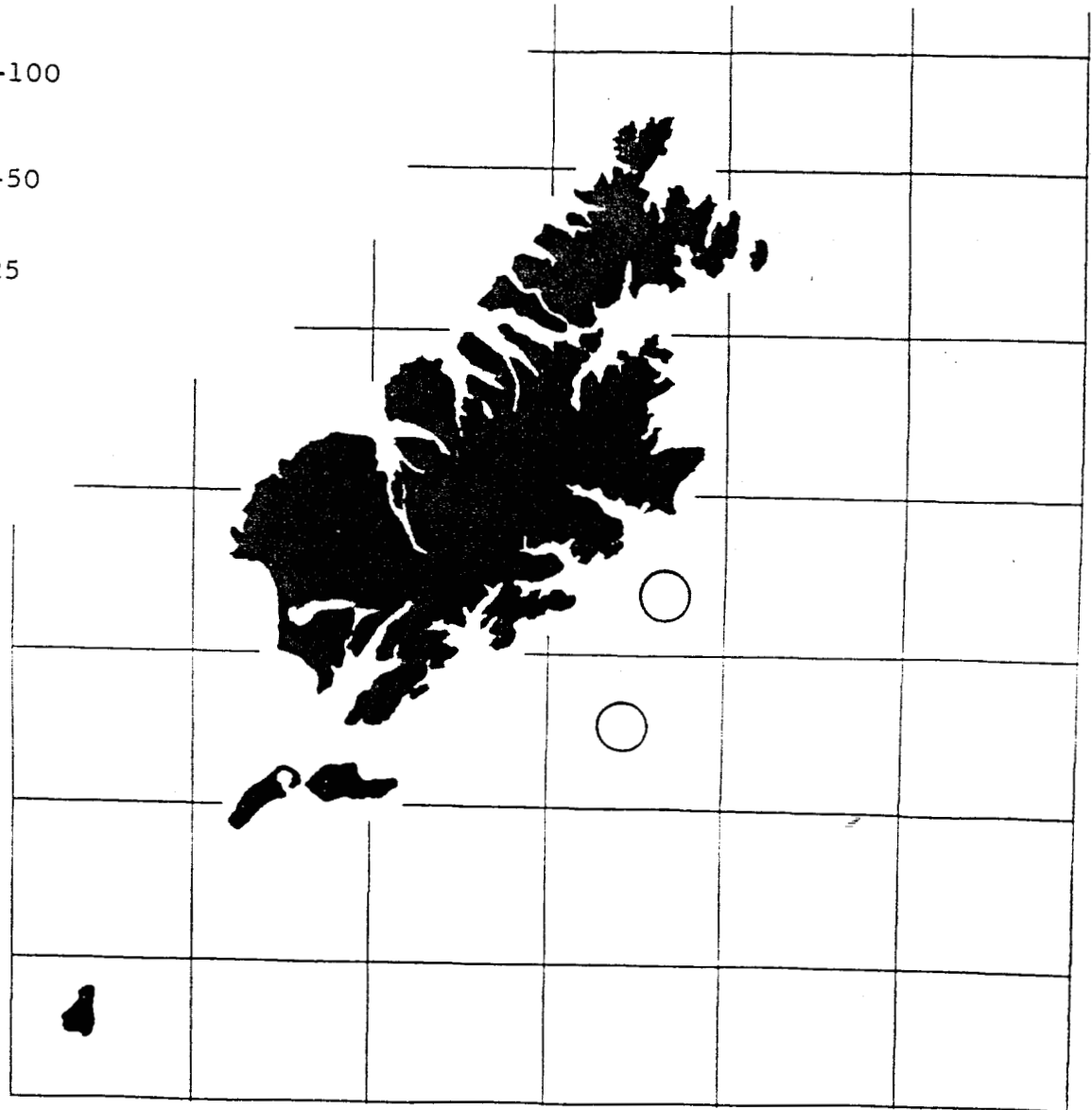
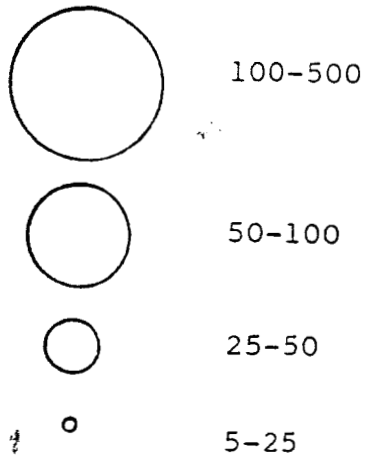
TOTAL FLATFISH, JANUARY 1987



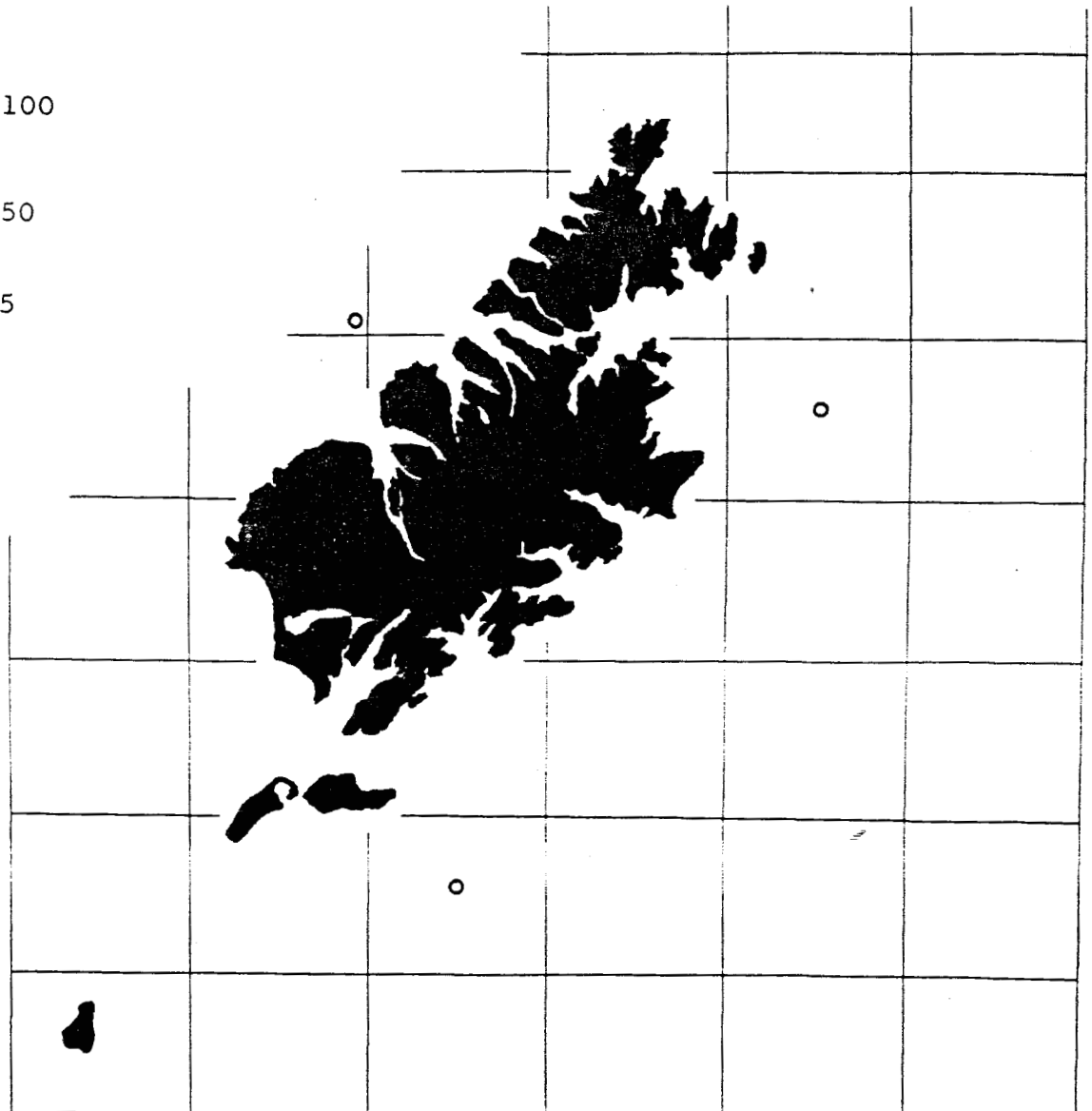
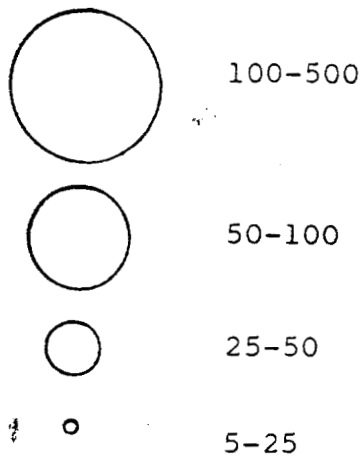
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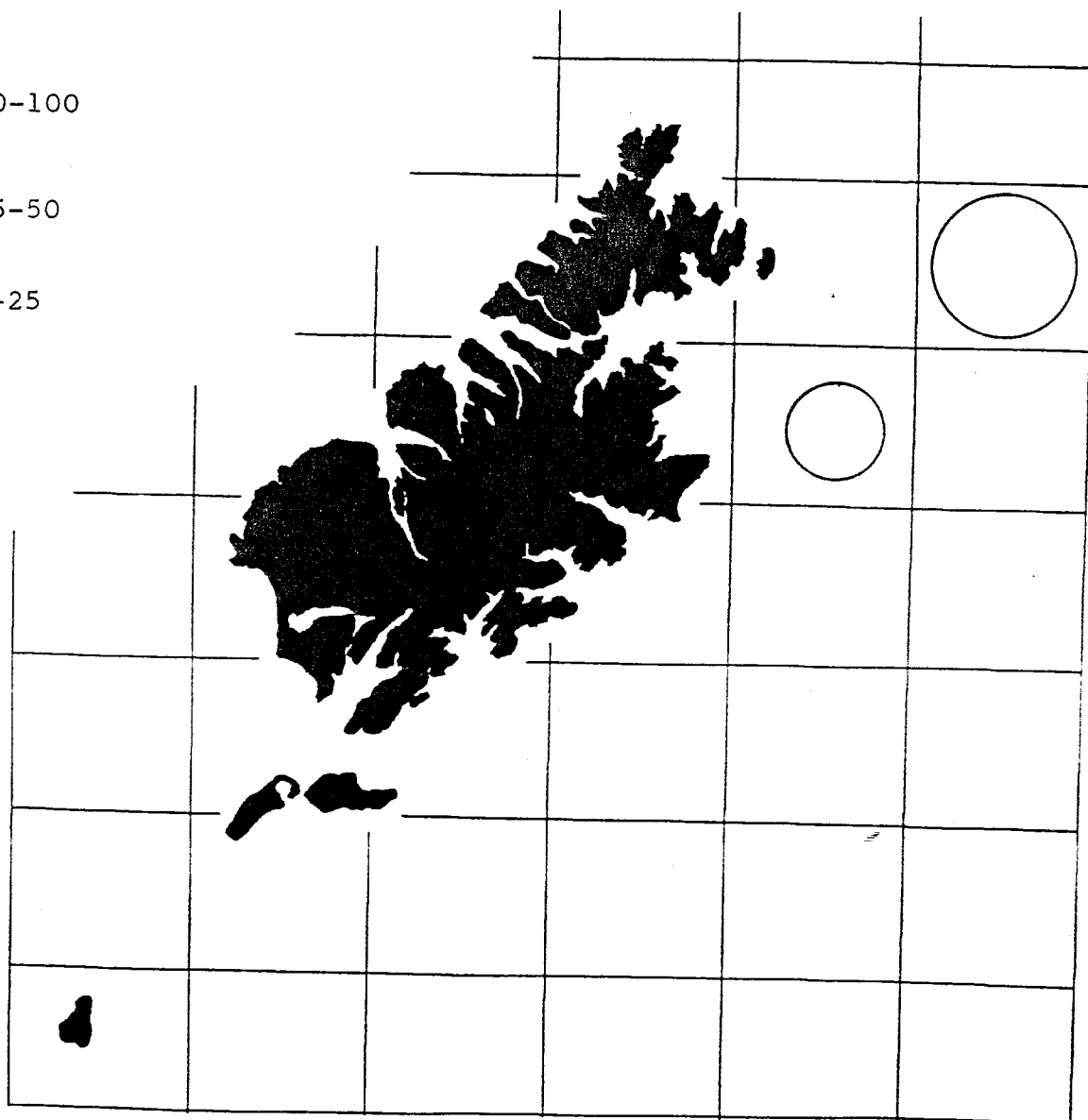
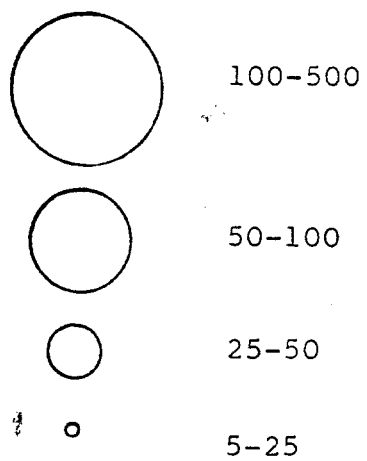
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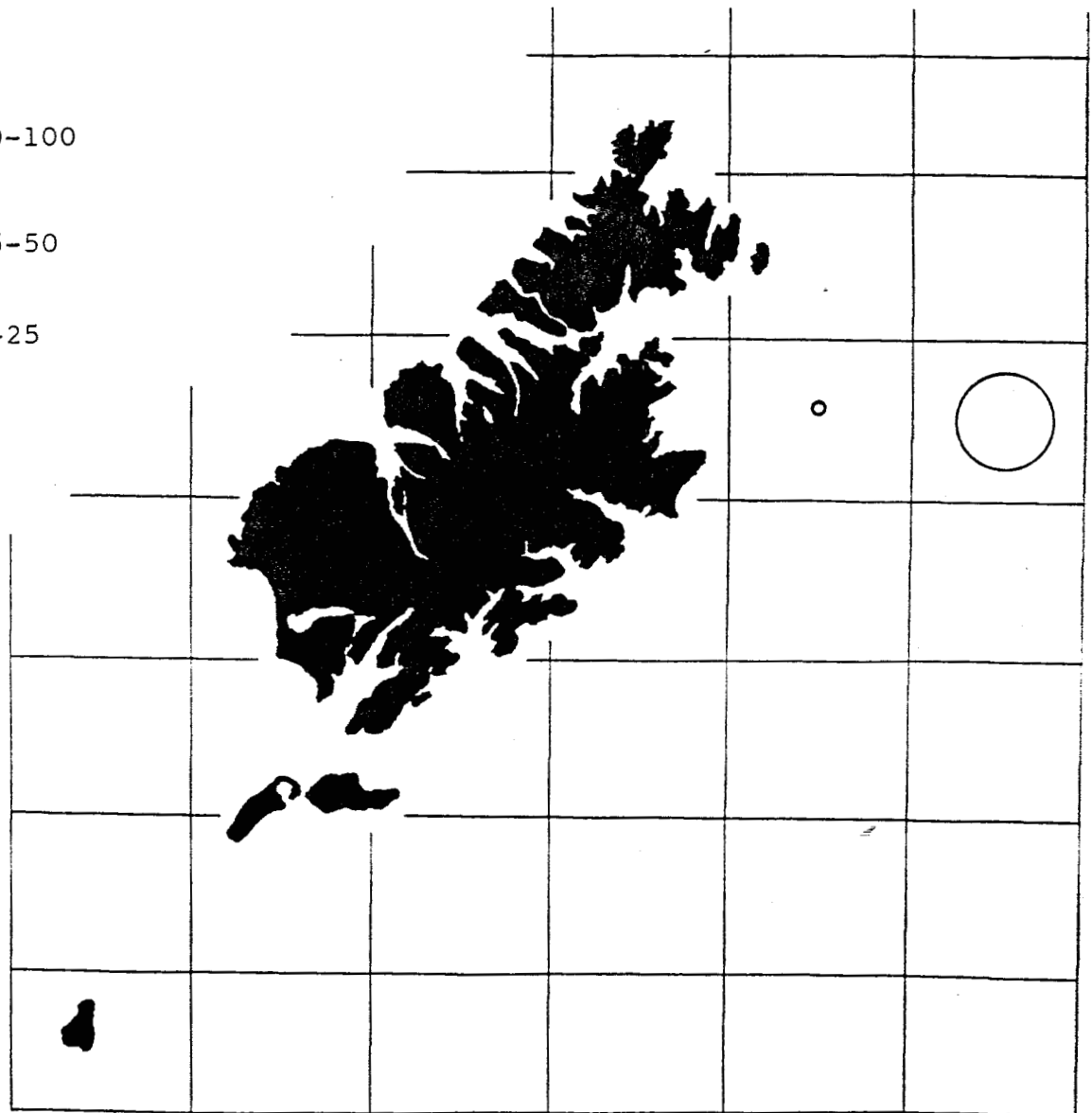
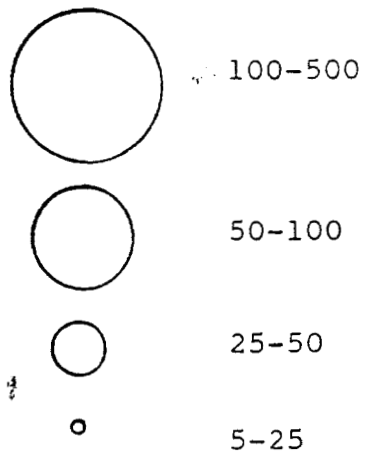
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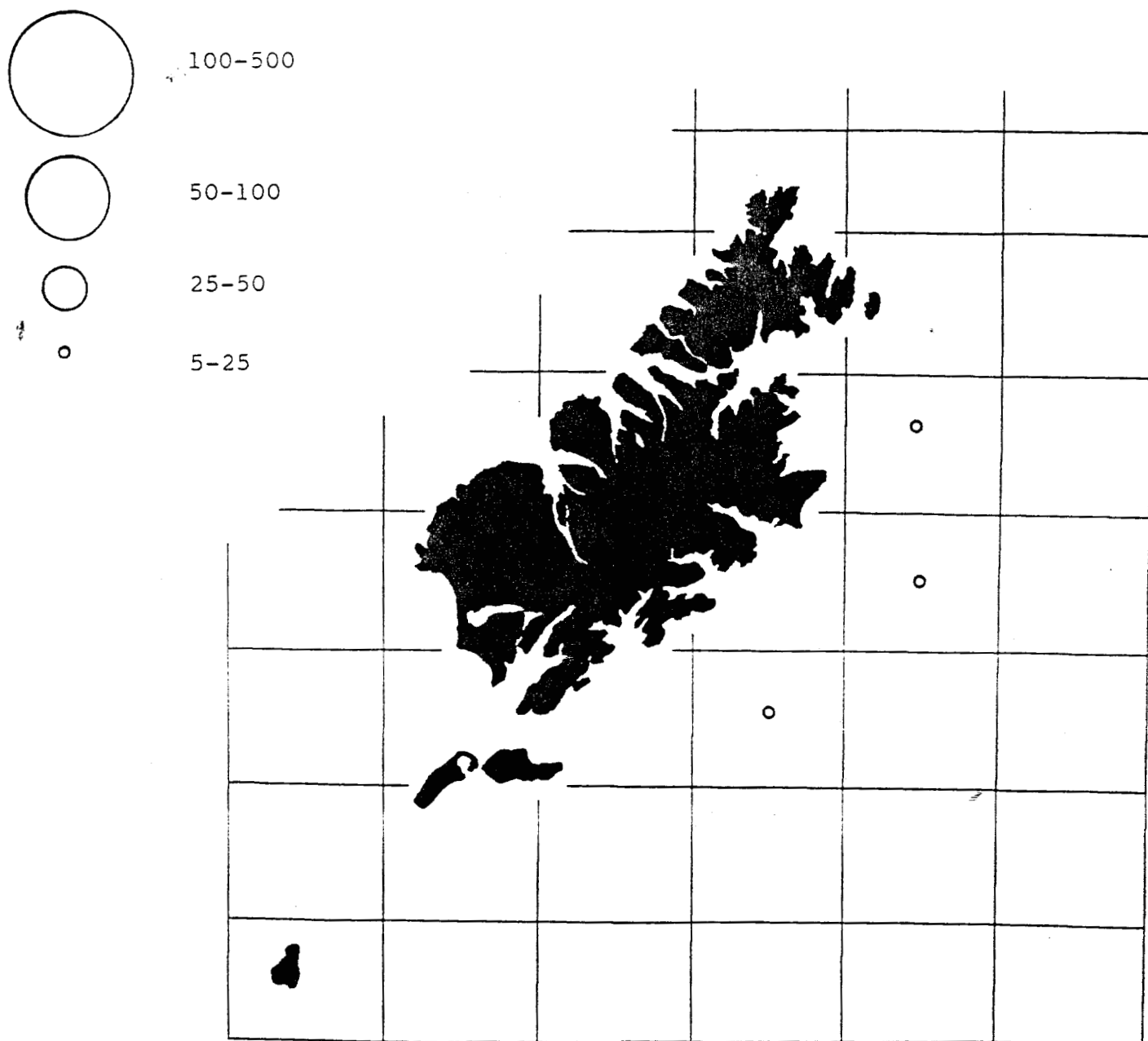
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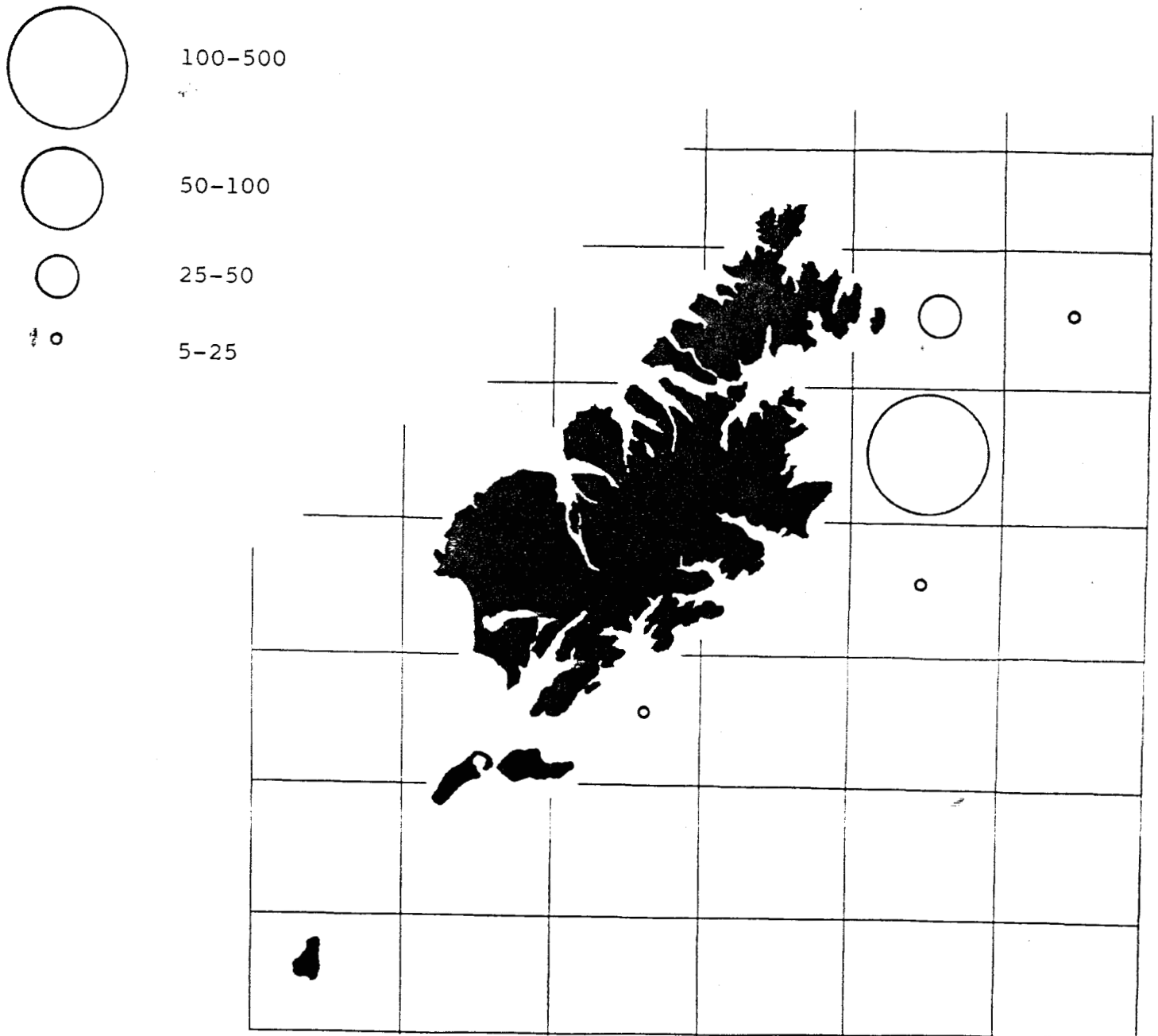
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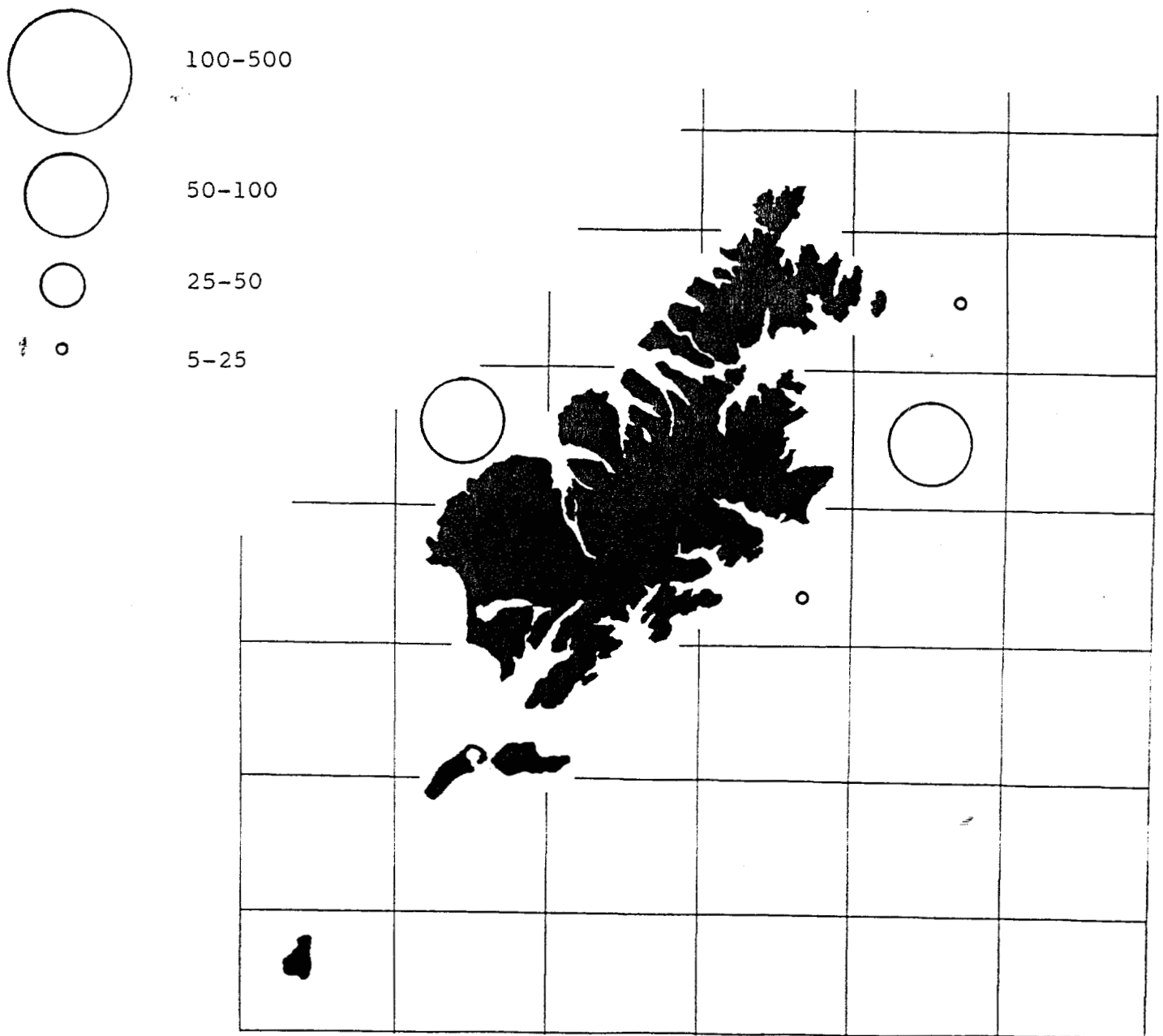
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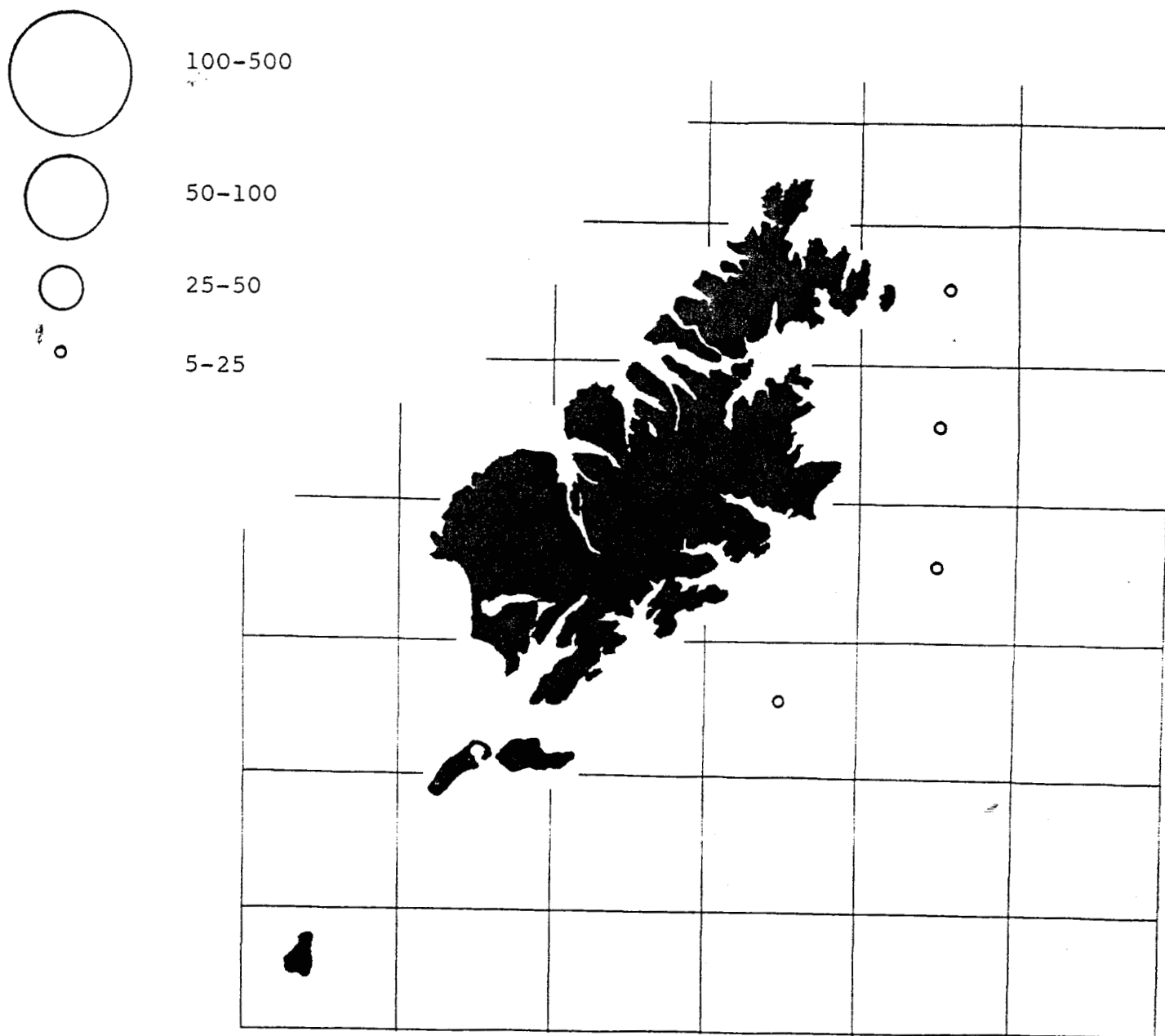
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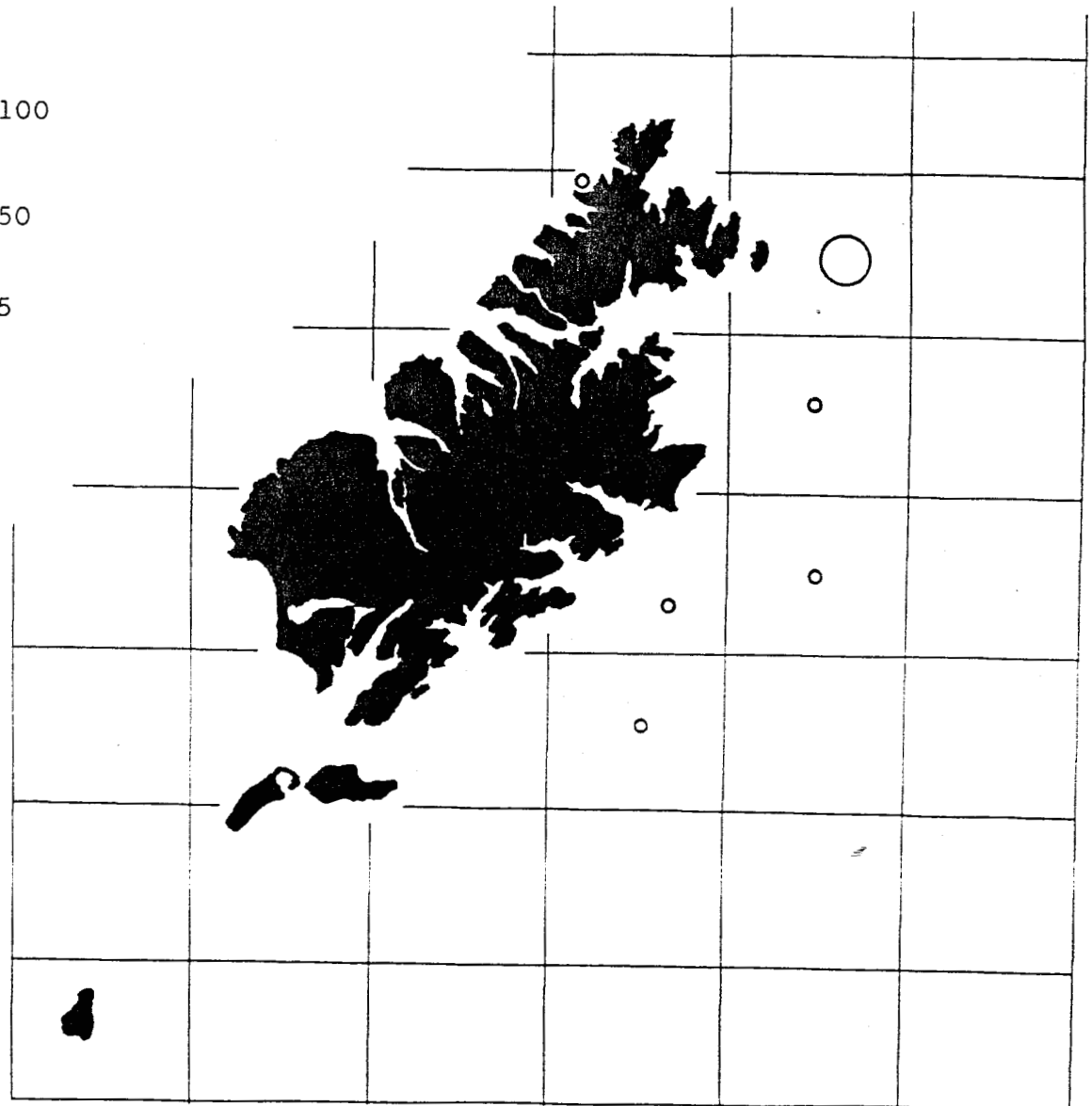
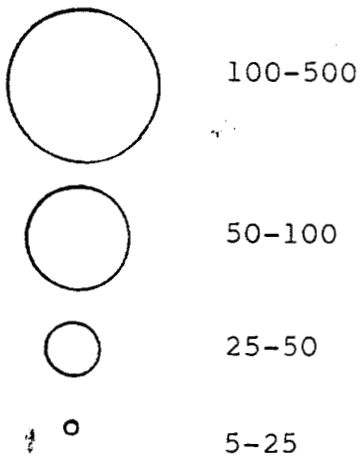
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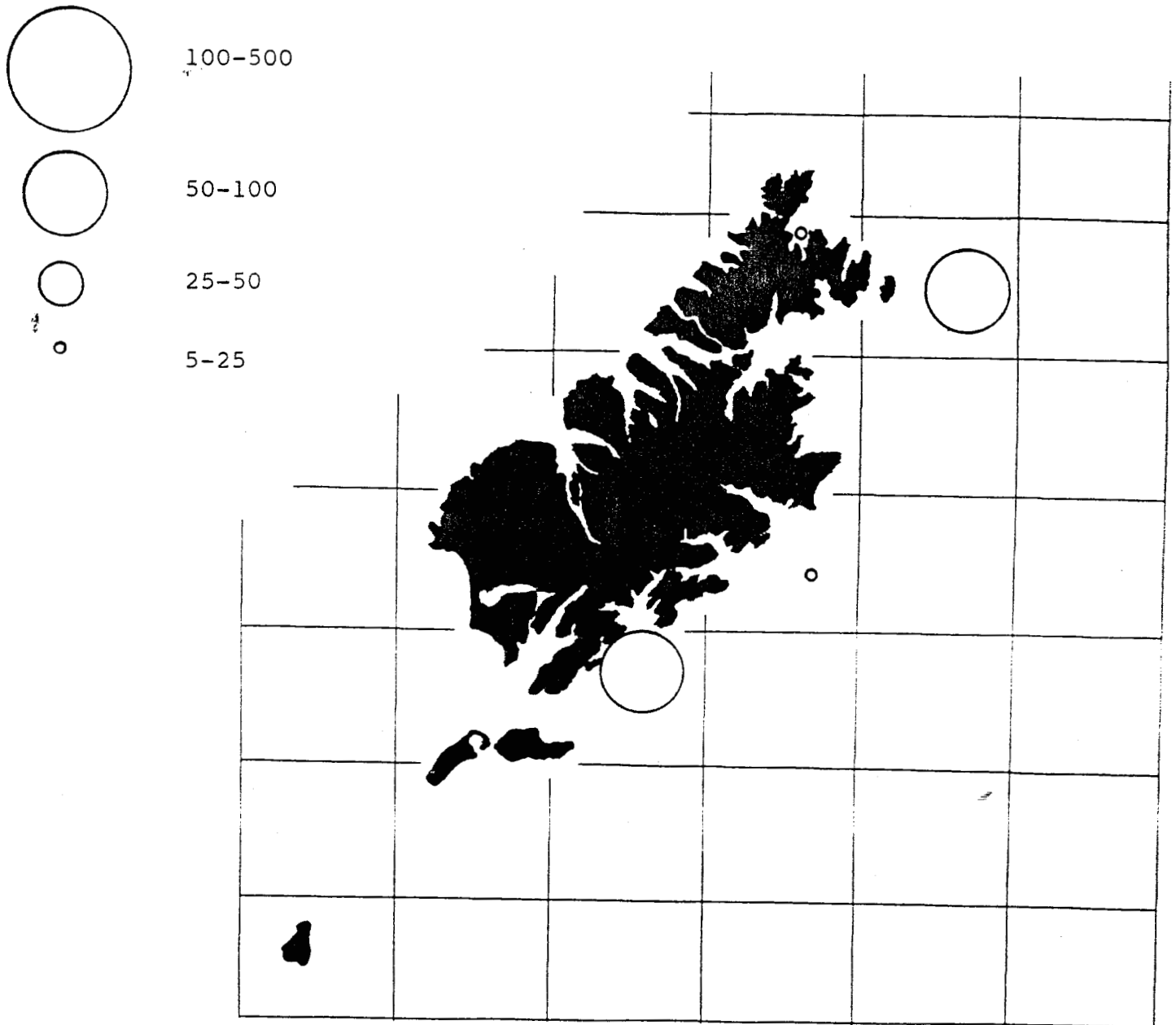
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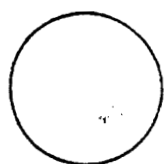
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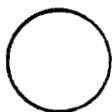
TOTAL FLATFISH, DECEMBER 1987



TOTAL FLATFISH, JANUARY 1988



100-500 MT



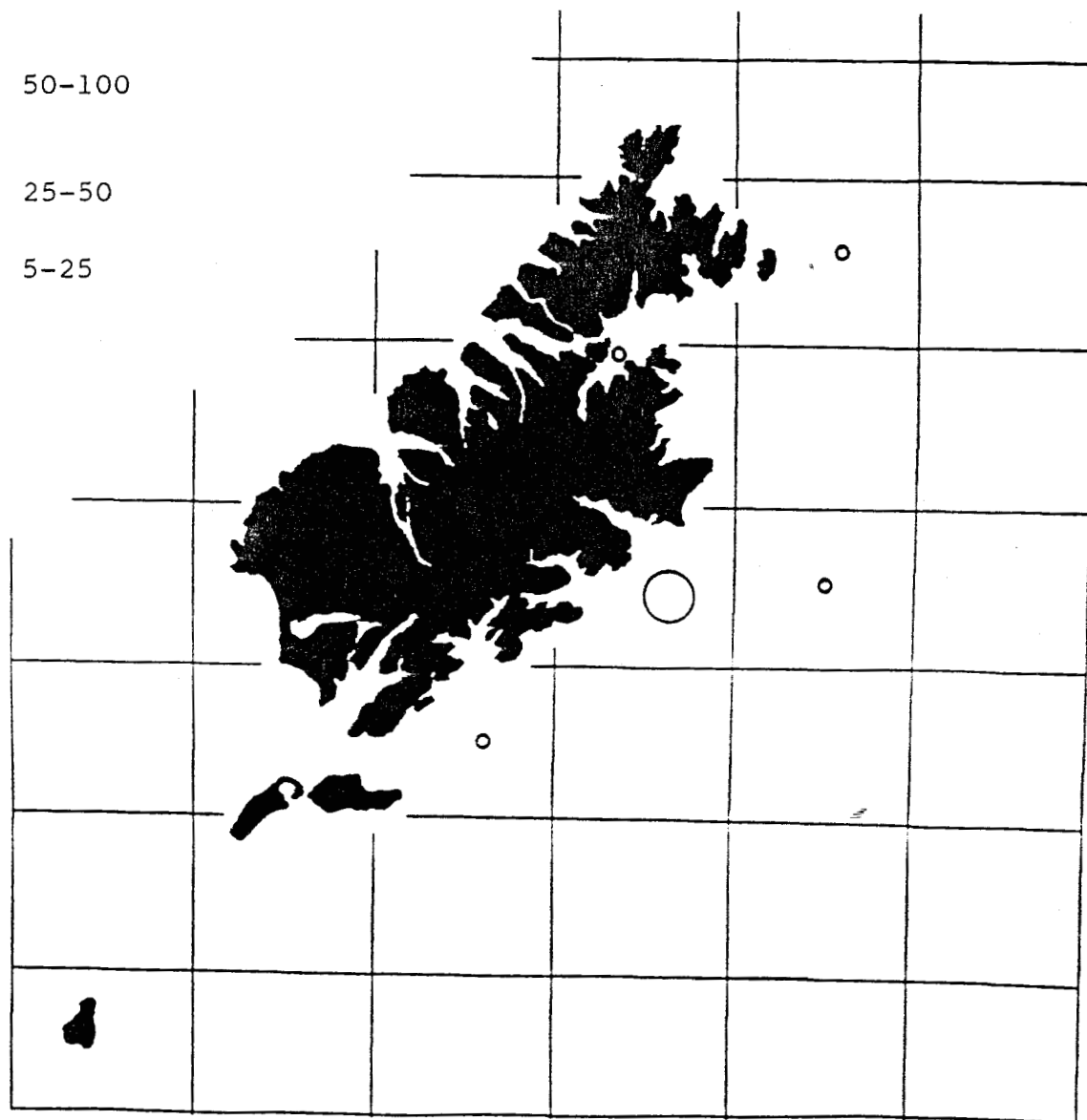
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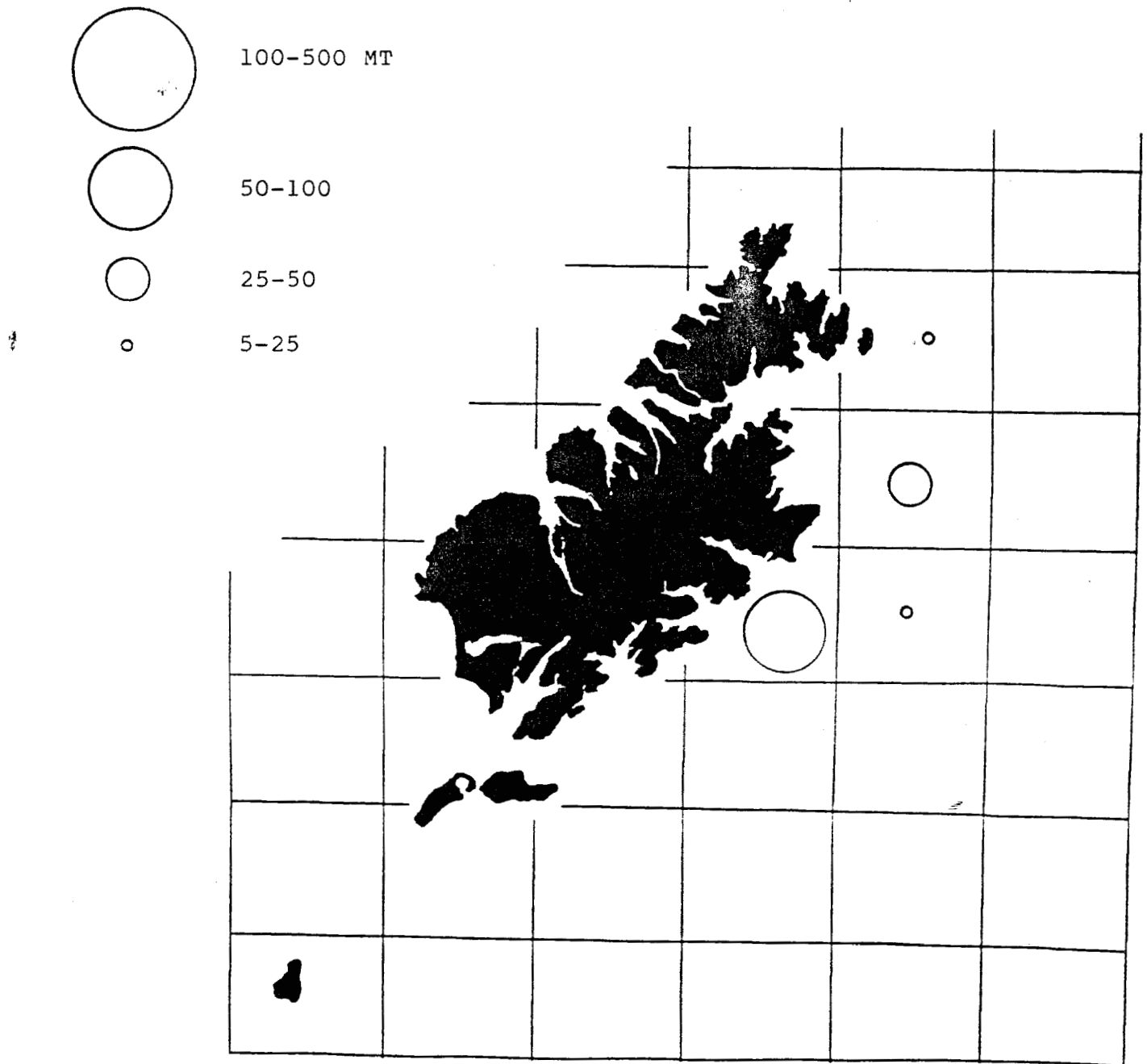
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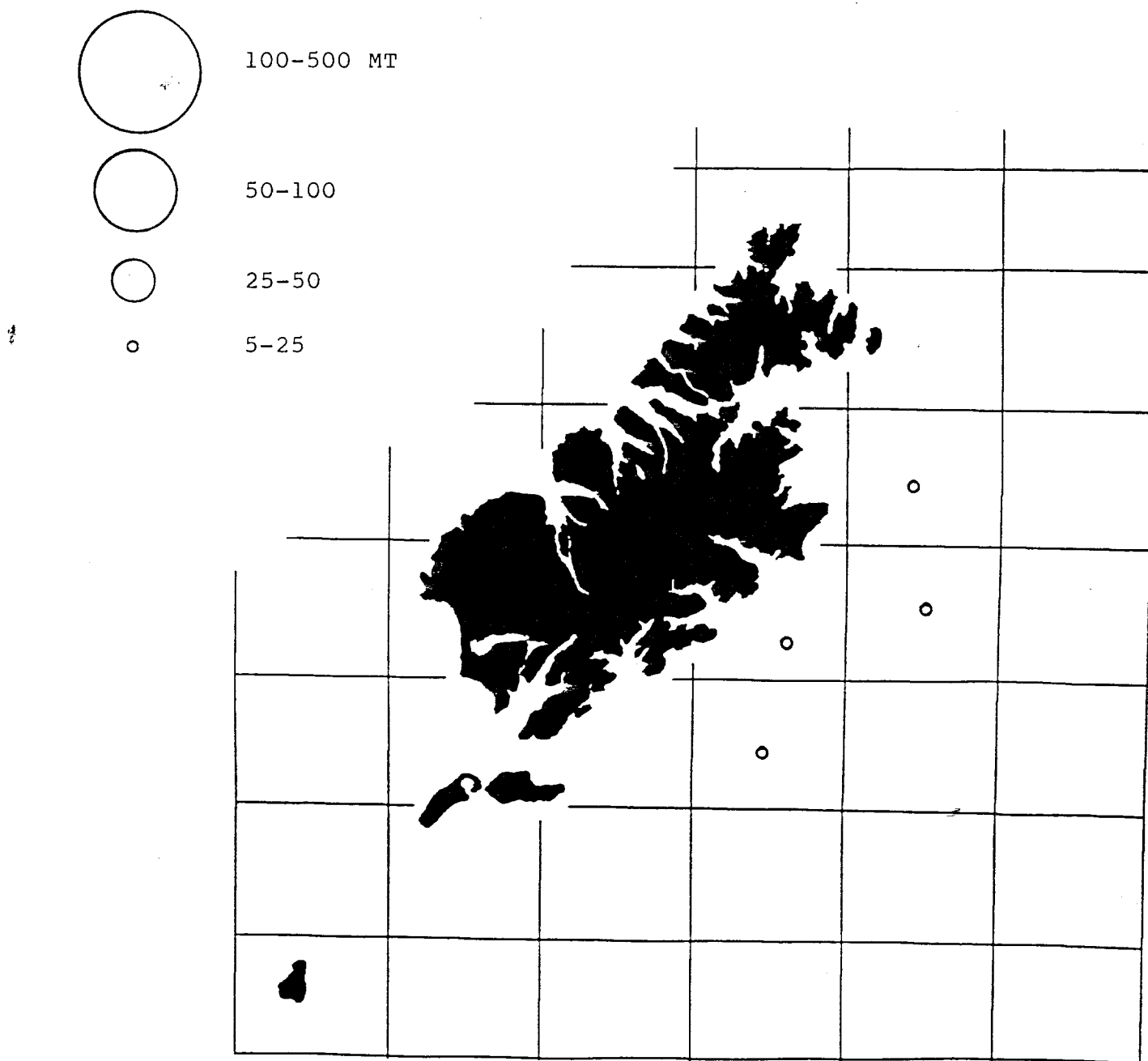
5-25



TOTAL FLATFISH, FEBRUARY 1988



TOTAL FLATFISH, MARCH 1-17, 1988



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